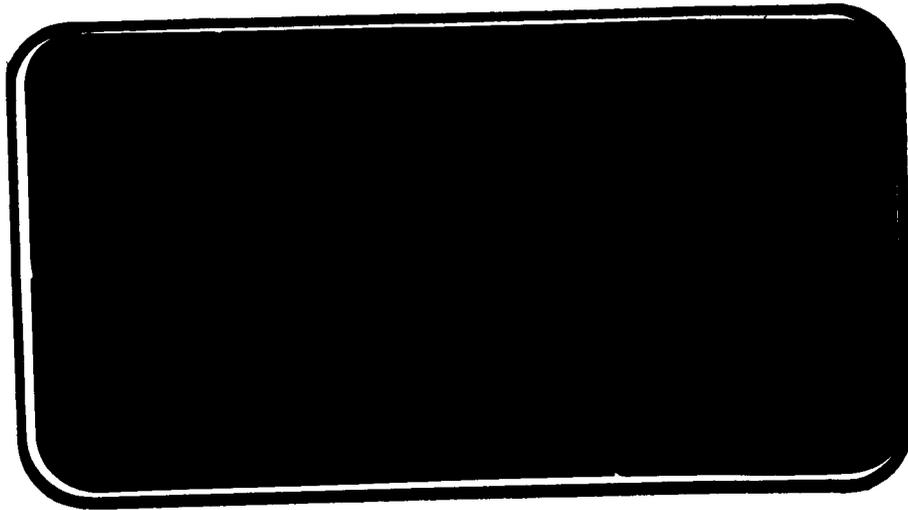


NASA

National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
Houston, Texas 77058



**SPACE SHUTTLE
AEROTHERMODYNAMIC DATA REPORT**



Data ManAGEMENT SERVICES

HUNTSVILLE ELECTRONICS DIVISION



**CHRYSLER
CORPORATION**

July 1980

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Volume 2 of 3

HIGH SUPERSONIC RUDDER EFFECTIVENESS AND EFFECT OF
SILTS POD ON A 0.020-SCALE (REMOTELY DRIVEN CONTROL
SURFACE) MODEL 106-0 SPACE SHUTTLE ORBITER TESTED IN
THE NASA/LARC 4-FOOT UNITARY PLAN WIND TUNNEL
(LA-131)

Prepared under NASA Contract Number NAS9-13247

by

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: NASA/LaRC UPWT 1299
NASA Series Number: LA131
Model Number: 106-0
Test Dates: January 21 - February 29, 1980
Occupancy Hours: 144

FACILITY COORDINATOR:

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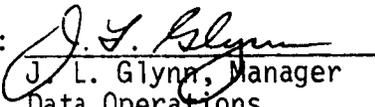
PROJECT ENGINEERS:

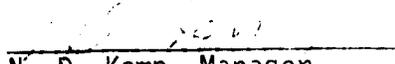
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HIGH SUPERSONIC RUDDER EFFECTIVENESS AND EFFECT OF
SILTS POD ON A 0.020-SCALE (REMOTELY DRIVEN CONTROL SURFACE)
MODEL 106-0 SPACE SHUTTLE ORBITER TESTED IN THE
NASA/LaRC 4-FOOT UNITARY PLAN WIND TUNNEL (LA-131)

Abstract

The investigation was conducted in the NASA/Langley Research Center Unitary Plan Wind Tunnel Test Section 2 from January 21 to February 29, 1980. The model was a 0.020-scale high-fidelity model built by R.I. and modified by the Langley Research Center to have remotely driven left and right elevons, body flap, and rudder.

The objectives of the test were to:

1. Define the orbiter rudder effectiveness in detail for enhancement of the aerodynamic data base.
2. Determine the difference in aerodynamics between a filled speedbrake base (the configuration used for most of the data base) and the scaled, open speedbrake base.
3. Determine the effect of the Shuttle Infrared Leaside Temperature Study (SILTS) pod, mounted on the tip of the vertical tail, on the aerodynamic characteristics of the orbiter.
4. Generally supplement all control effectiveness data.

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- A) $C_Y, C_n(\text{BODY}), C_l(\text{BODY}), C_N, C_A, C_m$ vs δ_r
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- C) C_N vs α, C_N vs C_m, C_L vs α, C_L vs $C_D, L/D$ vs α, C_A vs α
- D) $C_Y, C_n(\text{BODY}), C_l(\text{BODY})$ vs β
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- F) $C_{Y_{\delta_a}}, C_{n_{\delta_a}}(\text{BODY}), C_{l_{\delta_a}}(\text{BODY})$ vs α
- G) $C_N, C_m, C_A, C_L, C_D, L/D, C_Y, C_n(\text{BODY}), C_l(\text{BODY})$ vs δ_{BF}
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NOMENCLATURE

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
<u>General</u>		
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2 , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2 , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3 , slugs/ft ³
<u>Reference & C.G. Definitions</u>		
A_b		base area; m^2 , ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
l_{REF}	LREF	reference length or wing mean
\bar{c}		aerodynamic chord; m, ft
S	SREF	wing area or reference area, m^2 , ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

NOMENCLATURE (Continued)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
<u>Body-Axis System</u>		
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b (p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
<u>Stability-Axis System</u>		
C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$

NOMENCLATURE (Continued)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS_{\ell}REF}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D _f	L/DF	lift to forebody drag ratio; C_L/C_{Df}
$C_{Y\delta_r}$	DCY/DR	side force due to rudder deflection
$C_{n\delta_r}$	DCYNDR	yawing moment due to rudder deflection
$C_{\ell\delta_r}$	DCBLDR	rolling moment due to rudder deflection
$C_{Y\beta}$	DCY/DB	side force due to beta
$C_{n\beta}$	DCYNDB	yawing moment due to beta
$C_{\ell\beta}$	DCBLDB	rolling moment due to beta
$C_{Y\delta_a}$	DCY/DA	side force due to aileron deflection
$C_{n\delta_a}$	DCYNDA	yawing moment due to aileron deflection
$C_{\ell\delta_a}$	DCBLDA	rolling moment due to aileron deflection
δ_{BF}	BDFLAP	body flap deflection. Positive, trailing edge down, degrees
δ_{eL}	ELV-L	left elevon deflection. Positive trailing edge down, degrees
δ_{eR}	ELV-R	right elevon deflection. Positive trailing edge down, degrees
δ_{eLI}	ELV-LI	left inboard elevon deflection
$\delta_{eL\emptyset}$	ELV-L \emptyset	left outboard elevon deflection
δ_{eRI}	ELV-RI	right inboard elevon deflection
$\delta_{eR\emptyset}$	ELV-R \emptyset	right outboard elevon deflection

NOMENCLATURE (Concluded)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
	DEL DER	Incremental difference between inboard and outboard elevon deflections
δ_r	RUDDER	Rudder deflection. Positive, trailing edge left, degrees
δ_a	AILRON	Aileron deflection. Positive when L.H. elevon is more trailing edge down than R.H. elevon, degrees
δ_e	ELEVON	Elevon deflection. Positive trailing edge down, degrees
δ_{SB}	SPDBRK	Speedbrake deflection. Angle between the inside faces of the left and right panels, always positive, degrees
	PB1, PB2	Orbiter base pressures
	CPB1, CPB2	Orbiter base pressure coefficients
A.C.	CLM/CN	Aerodynamic center
	CAU,CDU CLMU,CLU	Unadjusted axial force, drag, pitching moment and lift coefficients
	DEL \emptyset ,DER \emptyset DELI,DERI	Incremental left and right inboard and outboard elevon deflections
	E-LORI	Left outboard and right inboard elevon setting for runs employing symmetric differential deflections between inboard and outboard segments
	E-LIRO	Left inboard and right outboard elevon setting for runs employing symmetric differential deflections between inboard and outboard segments
	CLSQ	(CL) ²
	DCLM	Flow angularity correction to pitching moment

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

CONFIGURATIONS INVESTIGATED

The test model was a 0.020-scale model of the Space Shuttle Orbiter (Figures 2 and 3). The model was constructed by Rockwell International as a high-fidelity verification model. It was modified at the Langley Research Center to have remotely controlled left and right elevons, body flap, and rudder. The control surfaces were driven by electric motors and the control position was determined by high resolution potentiometers mounted on the axis-of-rotation of the surface. This system presented the true position of the surfaces within the accuracy of the potentiometer which was determined to be 0.2° .

The model had removeable blocks that filled the base of the speedbrake at speedbrake angles of 55° , 70° , and 87.2° . The model was also tested with the lower two main engine nozzels on and off. Tests were made with and without the SILTS pod in place on the tip of the vertical tail. The inboard and outboard segments of each elevon could be fixed at differential deflections of $\pm 2\frac{1}{2}^\circ$ and $\pm 5^\circ$ but could not be individually driven remotely.

The following nomenclature was used to designate the model components:

<u>Component</u>	<u>Definition</u>
B75	OV102 fuselage including T-zero umbilical panels, crew hatch, and cargo bay door gaps.
C16	Canopy including recessed windshields and observation windows.
E64	Elevons, including elevon/elevon and elevon/fuselage gaps.
F16	Body flap.

CONFIGURATIONS INVESTIGATED (Concluded)

Component

FR ₂₂	Fairings for the forward cargo bay door hinges, 6 per side.
HG ₁	Cargo bay door hinges, 13 per side
M ₅₂	OMS pods.
N ₁₀₈	Forward RCS thruster nozzle ports.
N ₁₀₉	Main propulsion system nozzles (inner surface cut away for sting clearance).
N ₁₁₀	OMS nozzles.
N ₁₁₁	Aft RCS thruster nozzles and ports.
R ₂₀	Rudder, split into left and right speed brake panels.
V ₂₇	Vertical tail.
VT ₁₀	Cargo bay vents, 4 per side.
VT ₁₁	Wing/landing gear bay vents, 1 per side.
VT ₁₂	Cabin vents, 1 per side.
VT ₁₃	Forward RCS vents, 1 per side.
VT ₁₄	Aft fuselage vents, 1 per side.
VT ₁₅	OMS RCS vents, 1 per side.
VT ₁₆	Flipper door vents.
VT ₁₇	Miscellaneous vents, ports and penetrations.
W ₁₃₁	OV102 wing.

TEST CONDITIONS

The tunnel conditions existing during the test are summarized in Table I and the configurations tested are shown in Table II. The model was sting supported, and the aerodynamic forces and moments were measured by an internally mounted six-component strain gage balance. In an attempt to insure turbulent flow over the model, strips of carborundum grit were applied to the wing, vertical tail, and nose as shown in Figure 2. Model angle of attack was varied from about -4° to 32° for angles of sideslip of 0° and 2° . Sideslip angles were varied from -6° to 6° at angle of attack of 5° , 10° , 15° , and 20° . Angles of attack and sideslip have been corrected for the effects of sting deflection under load. Runs were made either by setting control surface at a fixed angle and varying angle of attack or sideslip or by varying the control angle at a given angle of attack and sideslip.

TEST FACILITY DESCRIPTION

The NASA LaRC 4-foot Unitary Plan Wind Tunnel (UPWT) is a closed-circuit continuous flow, variable density facility. The test section is 4 feet by 4 feet by 7 feet long.

Two tunnel legs are available for supersonic testing in the Mach number ranges 1.47 to 2.86 (Leg No. 1) and 2.29 to 4.63 (Leg No. 2). Leg No. 2 was used for this test. An asymmetric, sliding block nozzle position and total pressure setting provide the test Mach numbers at a specified Reynolds number. Reynolds number can be varied from 0.76 to 7.78 million per foot. Available stagnation pressure variation is 4.0 to 142 psia. Dynamic pressure variation is 95 to 1260 psf with normal operating stagnation temperature about 150°F in Mach modes 2 or 3 and about 175°F in Mach mode 4. The tunnel is equipped with a dry air supply, an evacuating system, and a cooling system. The facility power is approximately 83,000 horsepower.

Model mounting provisions consist of various sting arrangements, including axial (longitudinal), lateral (independent pitch and yaw), and roll movement with side wall support. A Schlieren system and oil flow visualization equipment are available. Data are recorded at the tunnel and reduced off-line at the Langley Computer Center. The tunnel is used for force and moment, pressure, and dynamic stability tests. Hot and cold jet effects and heat transfer have been studied in the UPWT.

DATA REDUCTION

The force and moment data contained herein were measured by an internal six component strain gauge balance as described in Table I. The data were reduced to non-dimensional coefficient form utilizing the following full scale reference dimensions:

$$S_{REF} = \text{wing planform area} = 2690 \text{ ft}^2$$

$$l_{REF} = \text{wing mean aerodynamic chord, } \bar{c} = 474.81 \text{ inches}$$

$$b_{REF} = \text{wing span} = 936.68 \text{ inches}$$

Moments are given about a reference center of gravity located at:

Fuselage Station	1076.68
Water Line	375.00
Butt Line	0.0

Other critical dimensions are shown in Figure 1C.

Although base pressures were measured, no corrections were applied to the balance data.

TEST : LA131 DATE : Jan. 1980

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
2.5	2×10^6	2.84	125°
3.0	2×10^6	2.48	125°
3.5	2×10^6	2.11	125°
4.0	2×10^6	1.90	150°
4.5	2×10^6	1.59	150°

BALANCE UTILIZED: LaRC 840

	CAPACITY:	ACCURACY:	COEFFICIENT * TOLERANCE:
NF	<u>800#</u>	<u>±4#</u>	<u>.0091 - .0162</u>
SF	<u>250#</u>	<u>±1.25#</u>	<u>.0028 - .0051</u>
AF	<u>125#</u>	<u>± .625#</u>	<u>.0014 - .0025</u>
PM	<u>1600 in-#</u>	<u>±8 in-#</u>	<u>.0019 - .0034</u>
RM	<u>500 in-#</u>	<u>±2.5 in-#</u>	<u>.0003 - .0005</u>
YM	<u>500 in-#</u>	<u>±2.5 in-#</u>	<u>.0003 - .0005</u>

COMMENTS: *Coefficient tolerances shown for the range of dynamic pressure tested.

TABLE II.

DATE: 3/13/80

DATA SET/RUN NUMBER COLLATION SUMMARY

TEST: LA131

DATA SET IDENTIFIER	CONFIGURATION	α	β	Δ_{velo}	MACH NUMBER					TEST RUN NUMBERS													
																		2.5	3.0	3.5	4.0	4.5	
R7A001	(SILTS ϕ FF)	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	30	46	64	83	
02	(CAVITY ϕ PEN)	A	0																				80
03	(MODEL INVERTED)	C	0															15	44	45	78	79	
04		A	2															17	31	47	65	84	
05		A	2															18	32	48	66	85	
06		A	0															19	33	49	67	86	
07		5	B															20	34	50	68	87	
08		10																21	35	51	69	88	
09		15																22	36	52	70	89	
10		15																23	37	53	71	90	
11		20																24	38	54	72	91	
12		10	0															29	43	63	77	96	
13		10	0																	59			
14		15	0															28	42	62	76	95	
15		15	0																	58			
16		20	0															25	39	55	73	92	
17		25	0															26	40	60	74	93	
18		25	0																	56			

Coefficient Schedules follow Summary Sheets.

α OR β SCHEDULES
 A) $-2^\circ \rightarrow 32^\circ$ E) $-2^\circ \rightarrow 20^\circ$
 B) $-6^\circ \rightarrow 6^\circ$ C) $-32^\circ \rightarrow 2^\circ$

* Mach = 3.0 Data is questionable and is not published herein.

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY												DATE: 3/13/80									
DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS										* MACH NUMBER											
		α	β	Sch	Sch	2.5	3.0	3.5	4.0	4.5													
R7A019	(SILTS OFF)	32	0	0	0	0	0	0	0	0	0	0	0	55	E	OPEN	OFF	27	41	61	75	94	
20	CAVITY OPEN	32	0												E	↓		57					
21	CAVITY CLOSED	A	0												O	CLOSED		97	104	111	118	125	
22		5	B															98	105	112	119	126	
23		10	B															99	106	113	120	127	
24		15	B												↓			100	107	114	121	128	
25		10	0												E			101	108	115	122	131	
26		15	0												↓			102	109	116	123	129	
27		20	0												↓			103	110	117	124	130	
28	(SILTS ON)	A	0												O	OPEN	ON	132	141	149	158	170	
29	(CAVITY OPEN)	5	B															133	142	150	159	171	
30		10	B															134	143	151	160	172	
31		15	B												↓			135	144	152	161	173	
32		5	0												E			137	145	153	162	166	
33		10	0															138	146	154	163	167	
34		15	0															139	147	155	164	168	
35		20	0												↓			140	148	156	165	169	

Coefficient Schedules follow Summary Sheets.

α OR β SCHEDULES
 A) -2° → 32° E) -2° → 20°
 B) -6° → 6°

* Mach = 3.0 Data is questionable and is not published herein.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY																		
DATE: 3/13/80		TEST RUN NUMBERS																		
DATA SET IDENTIFIER	CONFIGURATION	α	β	Below	Self	S.P. CAVITY	S.R.	S.P. CAVITY	SILTS	2.5	3.0	3.5	4.0	4.5						
R7A036	(SILTS OFF)	A	0	0	0	0	0	0	0	70	0	OPEN	0	OFF		212		174	186	198
37	CAVITY OPEN	A	2										0			213		175	187	199
38		A	0										-5			214		176	188	200
39		10	B										0			215		177	189	201
40		15	B										0			216		178	190	202
41		20	B										0			217		179	191	203
42		25	B										0			218		180	192	204
43		10	0										E			219		181	193	211
44		10	0																	205
45		15	0													220		182	194	206
46		20	0													221		183	195	207
47		25	0													222		184	196	208
48		32	0													223		185	197	210
49		32	0																	209
50	CAVITY CLOSED	A	0									CLOSED	0			224		232	240	248
51		10	B										0			225		233	241	249
52		15	B										0			226		234	242	250
53		20	B										0			227		235	243	251

α OR β SCHEDULES
 A) -2° → 32° E) -2° → 20°
 B) -6° → 16°

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: 3/13/80			
DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS																
		α	β	δ_{10}	δ_{15}	δ_{20}	δ_{25}	δ_{30}	δ_{35}	δ_{40}	δ_{45}	δ_{50}	δ_{55}	δ_{60}	MACH NUMBER			
R7A054	(SILTS OFF)	10	0	0	0	0	0	0	0	0	0	0	0	0	228	236	244	252
55	CAVITY CLOSED	15	0												229	237	245	253
56		20	0												230	238	246	254
57		25	0												231	239	247	255
58	(SILTS ON)	A	0												256			
59	CAVITY OPEN	10	B												257			
60		15	B												258			
61		20	B												259			
62		10	0												260			
63		15	0												261			
64		20	0												262			
65	(SILTS OFF)	A	0												263	275	288	300
66	CAVITY OPEN	A	2												264	276	289	301
67		A	0												265	277	290	302
68		10	B												266	279	291	303
69		10	B												278			
70		15	B												280	292	304	
71		20	B												268	281	293	305

α OR β
 SCHEDULES
 A) -2° → 52°
 B) -6° → 6°
 E) -2° → 20°

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: 3/28/80				
DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS																	
		α	β	δelo	δels	δelg	δep	δsb	δr	δp	δpen	δpen	δpen	SSME	2.5	3.0	3.5	4.0	4.5
RTA090	(SILTS φN)	10	0	0	0	0	0	87.2	E				φN	350			355	362	369
91	CAVITY OPEN	15	0											349			356	363	370
92		20	0											348			357	364	371
93	(2 LOWER SSME φN)	A	0				70.0	O					φN	372			379	386	393
94		10	B											373			380	387	394
95		15	B											374			381	388	395
96		20	B											375			382	389	396
97		10	0					E						378			385	392	399
98		15	0											377			384	391	398
99		20	0											376			383	390	397
100	(2 LOWER SSME OFF)	A	0						O				φFF	400					
101		A	0					55.0						414			416		425
102		A	0											403					
103		A	0											401					
104		A	2											415			417		*427
105		A	2											404					426
106		A	2											402					

* DATA MISSING

α OR β SCHEDULES A) -2°→32° B) 6°→6° C) -2°→20°

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: 3/13/80			
DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{LO}	δ_{ELZ}	δ_{KZ}	δ_{SO}	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_R	δ_{SB}	SB CAVITY	SILTS	MACH NUMBER		
																2.5	3.5	4.5
RTA107	(SILTS ON)	A	2	-5	-5	-5	-5	-5	0	0	55.0	0	0	0	ΦN	406	418	429
108	(CAVITY OPEN)		0	-5	-5	-5	-5	-5	0	0						405	419	428
109	(2 LOWER SOME OFF)		0	5	5	5	5	5	0	0						409	420	431
110			2	5	5	5	5	5	0	0						410	421	430
111			0	-2.5	-2.5	-7.5	-7.5	-5	2.5	2.5						411	422	432
112			0	2.5	2.5	-2.5	-2.5	0	2.5	2.5						412	423	433
113			0	7.5	7.5	2.5	2.5	5	2.5	2.5						413	424	434
114			0	-1.25	-6.25	-6.25	-6.25	-5	2.5	2.5						435	440	441
115			0	3.75	-1.25	-1.25	-1.25	0	2.5	2.5						436	437	442
116			0	8.75	3.75	3.75	3.75	5	2.5	2.5						437	438	443
117			0	-3.75	-6.25	-6.25	-3.75	-5	0	0						444	447	450
118			0	1.25	-1.25	-1.25	1.25	0	0	0						445	448	451
119			0	6.25	3.75	3.75	6.25	5	0	0						446	449	452

α OR β SCHEDULES
 A) -2° → 32°
 V) -15° → 15°

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY														DATE: 3/13/80	
DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{LO}	δ_{EL}	δ_{R1}	δ_{R0}	δ_C	δ_A	δ_{BF}	δ_{SB}	δ_R	S.O. CAVITY	SILTS	TEST RUN NUMBERS		
															2.5	3.5	4.5
RTA 120	(SILTS ON) *	10	0	5	0	5	0	2.5	0	0	55	0	OPEN	ΦN	453		
121	(CAVITY OPEN)	12													454		
122	(2 LOWER SSME OFF)	14													455		
123		16													456		
124		10		5	0	5	0	V							468		
125		12													467		
126		14													466		
127		16													465		
128		10		5	0	5	0			V					469		
129		10													476		
130		12													470		
131		12													475		
132		14													471		
133		14													474		
134		16													472		
135		16													473		

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE ±15°

α OR β SCHEDULES V) -15° to 15° in 5° increments

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: 3/28/80			
DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS													MACH NUMBER			
		α	β	δ_{LE}	δ_{TE}	$\delta_{\text{LE}} \delta_{\text{TE}}$	δ_{C}	δ_{A}	δ_{BE}	δ_{SB}	δ_{R}	$\delta_{\text{C}} \delta_{\text{A}}$	SILTS	2.5	3.5	4.5		
RTA136	(SILTS ON)	10	2	5	0	5	0	2.5	0	V	55	0	ϕ N	477				
137	(CAVITY ϕ OPEN)	12												478				
138	(2 LOWER SOME OFF)	14												479				
139		16												480				
140	*	10		5	0	5	0			0				460				
141		12												459				
142		14												458				
143		16												457				
144	*	10		5	0	5	0							461				
145		12												462				
146		14												463				
147		16												464				
148		15	0												495			
149		17													494			
150		19													493			
151		21													492			

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$

V_∞ -15° to 15° in 5° increments

α OR β
SCHEDULES

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY														MACH NUMBER			
DATE: 3/28/80		TEST RUN NUMBERS														2.5	3.5	4.5	
DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{e10}	δ_{e12}	δ_{e13}	δ_{e14}	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_{RS}	δ_{ϕ} CAVITY	SILTS	2.5	3.5	4.5		
RTA 152	(SILTS ON) *	15	0	5	0	5	0	2.5	0	0	55	0	ϕ PEN	ϕ N					
153	(CAVITY ϕ PEN)	17														481			
154	(2 LOWER SSME ϕ FF)	19														482			
155		21														483			
156		15		5	0	5	0			V						496			
157		17														497			
158		19														498			
159		21														499			
160		15	2													503			
161		17														502			
162		19														501			
163		21														500			
164		* 15		5	0	5	0			0						487			
165		17														486			
166		19														485			
167		21														484			

* NOTE: INBOARD AND OUTBOARD ELEVEN PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$

α OR β SCHEDULES V) -15° to 15° in 5° increments

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY														DATE: 3/28/80						
DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS														MACH NUMBER						
		α	β	δ_{10}	δ_{15}	δ_{20}	δ_{25}	δ_{30}	δ_{35}	δ_{40}	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_R	δ_{P}	CAVITY	SILTS	2.5	3.5	4.5	
R7A16B	(SILTS ON)	*	15	2	5	0	5	0	5	0	0	0	55	0	0	OPEN	ΦN					
169	(CAVITY OPEN)		17																			
170	(2 LOWER SSME OFF)		19																			
171			21																			
172		*	16	0	5	0																519
173			18																			518
174			20																			517
175			22																			516
176		*	16		5	0	5	0														504
177			18																			505
178			20																			506
179			22																			507
180			16		5	0	5	0														520
181			18																			521
182			20																			522
183			22																			523

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE ±15°

α OR β SCHEDULES
 V) -15° to 15° in 5° increments

TABLE II. - Continued.

TEST: LA/31		DATA SET/RUN NUMBER COLLATION SUMMARY											DATE: 3/28/80					TEST RUN NUMBERS				
DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{LO}	δ_{HI}	δ_{R0}	δ_C	δ_a	δ_{BF}	δ_{SB}	δ_R	δ_{O}	SILTS	MACH NUMBER	2.5	3.5	4.5					
RTA184	(SILTS ON)	16	2	5	0	0	2.5	0	V	55	0	ϕ PN	ϕ N				527					
185	(CAVITY ϕ PN)	18															526					
186	(2 LOWER SSME ϕ FF)	20															525					
187		22															524					
188		16		5	V	0			0								511					
189		18															510					
190		20															509					
191		22															508					
192		16		5	0	V											512					
193		18															513					
194		20															514					
195		22															515					

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$

α OR β SCHEDULES V) -15° to 15° in 5° increments

TABLE II. - Continued

DATE: 3/28/80

DATA SET/RUN NUMBER COLLATION SUMMARY

TEST: LA131

DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS												MACH NUMBER				
		α	β	δ_{e1}	δ_{e2}	δ_{e3}	δ_{e4}	δ_{e5}	δ_{e6}	δ_{e7}	δ_{e8}	δ_{e9}	δ_{e10}	δ_{e11}	δ_{e12}	2.5	3.5	4.5
RTA 196	(SILTS ON)	10	0	2.5	0	2.5	0	2.5	0	2.5	0	2.5	0	2.5	0	543		
197	(CAVITY OPEN)	12														542		
198	(2 LOWER SSME OFF)	14														541		
199		16														540		
200	*	10		2.5	0	2.5	0	2.5	0	2.5	0	2.5	0	2.5	528			
201		12													529			
202		14													530			
203		16													531			
204		10		2.5	0	2.5	0	2.5	0	2.5	0	2.5	0	2.5	544			
205		12													545			
206		14													546			
207		16													547			
208		10	2												551			
209		12													550			
210		14													549			
211		16													548			

*NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$

α OR β SCHEDULES V) -15° to 15° in 5° increments

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: 3/28/80				TEST RUN NUMBERS			
DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{LO}	δ_{SELZ}	δ_{K1}	δ_{K2}	δ_{SO}	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_R	$\delta_{C.V.}$	SILTS	MARCH NUMBER	2.5	3.5	4.5			
RTA212	(SILTS ON)	*	10	2	2.5	0	2.5	0	1.25	0	0	55	0	ϕ PEN	ϕ N	535						
213	(CAVITY ϕ PEN)		12													534						
214	(2 LOWER SSME OFF)		14													533						
215			16													532						
216		*	10	2.5	0	2.5	0	0								536						
217			12													537						
218			14													538						
219			16													539						
220		*	15	0													575					
221			17														574					
222			19														573					
223			21														572					
224		*	15	2.5	0	2.5	0	0									560					
225			17														561					
226			19														562					
227			21														563					

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$

α OR β SCHEDULES V) -15° to 15° in 5° increments

TABLE II. - Continued.

TEST: LA131		DATA SET/RUN NUMBER COLLATION SUMMARY											DATE: 3/28/80				
DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{LO}	δ_{EL}	δ_{RZ}	δ_{RO}	δ_c	δ_a	δ_{BF}	δ_{SB}	δ_R	S.P. CAVITY	SILTS	TEST RUN NUMBERS		
															2.5	3.5	4.5
R7A 228	(SILTS ON)	15	0	2.5	0	2.5	0	1.25	0	V	55	0	OPEN	ΦN			
229	(CAVITY OPEN)	17															
230	(2 LOWER SSME OFF)	19															
231		21	1														
232		15	2														
233		17															
234		19															
235		21															
236		*	15	2.5	0	2.5	0			0							
237		17															
238		19															
239		21															
240		*	15	2.5	0	2.5	0										
241		17															
242		19															
243		21															

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE ±15°

α OR β SCHEDULES V) -15° to 15° in 5° increments

DATE: 3/28/80

DATA SET/RUN NUMBER COLLATION SUMMARY

TEST: LA131

DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_{10}	δ_{50}	δ_{90}	δ_e	δ_a	δ_{BF}	δ_{SB}	δ_{SR}	S.P. CAVITY	SILTS	MACH NUMBER		
														2.5	3.5	4.5
R1A 244	(SILTS ON) *	16	0	2.5	0	2.5	0	1.25	0	55	0	OPEN	DN			
245	(CAVITY OPEN)	18														
246	(2 LOWER SSME OFF)	20														
247		22														
248		16		2.5	0	2.5	0									
249		18														
250		20														
251		22														
252		16		2.5	0	2.5	0		V							
253		18														
254		20														
255		22														
256		16	2													
257		18														
258		20														
259		22														

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$.

α OR β SCHEDULES V) -15° to 15° in 5° increments

TABLE II. - Continued.

DATE: 3/18/80

DATA SET/RUN NUMBER COLLATION SUMMARY

TEST: LA131

DATA SET IDENTIFIER	CONFIGURATION	TEST RUN NUMBERS																	
		α	β	δ_{10}	δ_{15}	δ_{20}	δ_{25}	δ_{30}	δ_{35}	δ_{40}	δ_{45}	δ_{50}	δ_{55}	δ_{60}	δ_{65}	δ_{70}	SILTS	MACH NUMBER	
R7A260	* (SILTS ON)	16	2	2.5	0	2.5	0	1.25	0	0	0	55	0	0	0	0	PN	2.5	4.5
261	(CAVITY OPEN)	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	583
262	(2 LOWER SSME OFF)	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	582
263	*	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	581
264		16	1	2.5	0	2.5	0	1.25	0	0	0	55	0	0	0	0	PN	3.5	580
265		18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	584
266		20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	585
267		22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3.5	586
268		A	0	0	0	0	0	0	0	0	0	70	0	0	0	0	0	6.0	614
269		A	0	-5	-5	-5	-5	-5	0	0	0	0	0	0	0	0	0	6.0	615
270		A	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	6.0	618
271		A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.0	613
272		A	0	-5	-5	-5	-5	-5	0	0	0	0	0	0	0	0	0	6.0	616
273		A	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	6.0	617
274		A	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	6.0	623
275		A	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	6.0	624

* NOTE: INBOARD AND OUTBOARD ELEVON PANELS ARE LOCKED TOGETHER AT DEFLECTIONS SHOWN AND VARIED AS A UNIT OVER THE RANGE $\pm 15^\circ$

α OR β SCHEDULES

V) -15° to 15° in 5° increments

* RUN 619 - M=2.96
620 - M=3.0
621 - M=3.0

COEFFICIENT SCHEDULES

DATASET IDENTIFIER
FIRST LETTER

COEFFICIENTS

Vol. II	1	CN CA CL CD CLM CY CYN CBL ELEVON AILRON
		2

Vol. III	3	CLSQ CPB1 CPB2 PB1 PB2 PINF QINF CLMU DCLM
		4

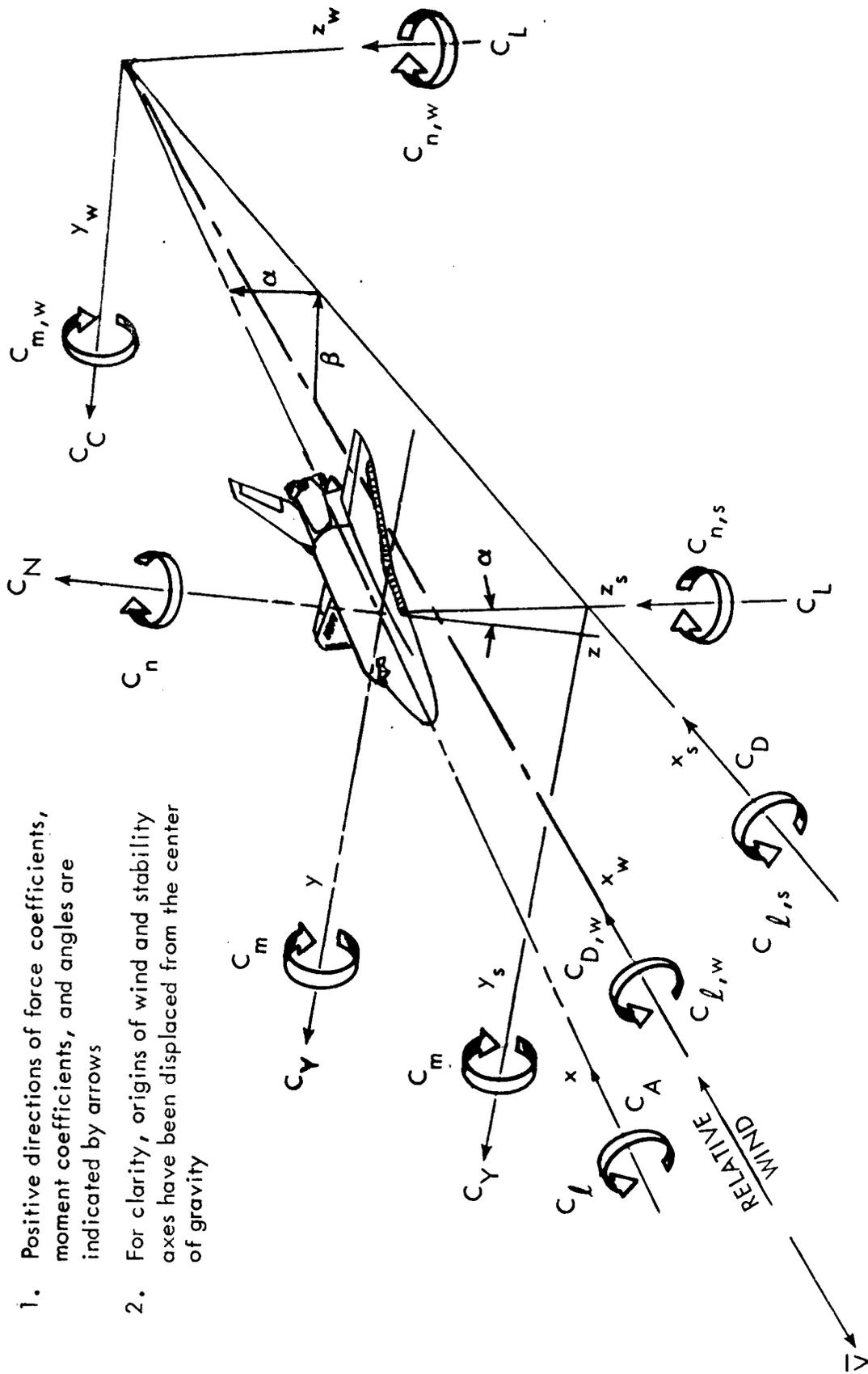
*May vary depending on 2nd Independent Variable

First Independent Variable: MACH

Second Independent Variable: ALPHA/BETA/SPDBRK/RUDDER/ELV-L0/ELV-R0

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



a. Axes Systems Definition

Figure 1. Axes Systems and Sign Conventions

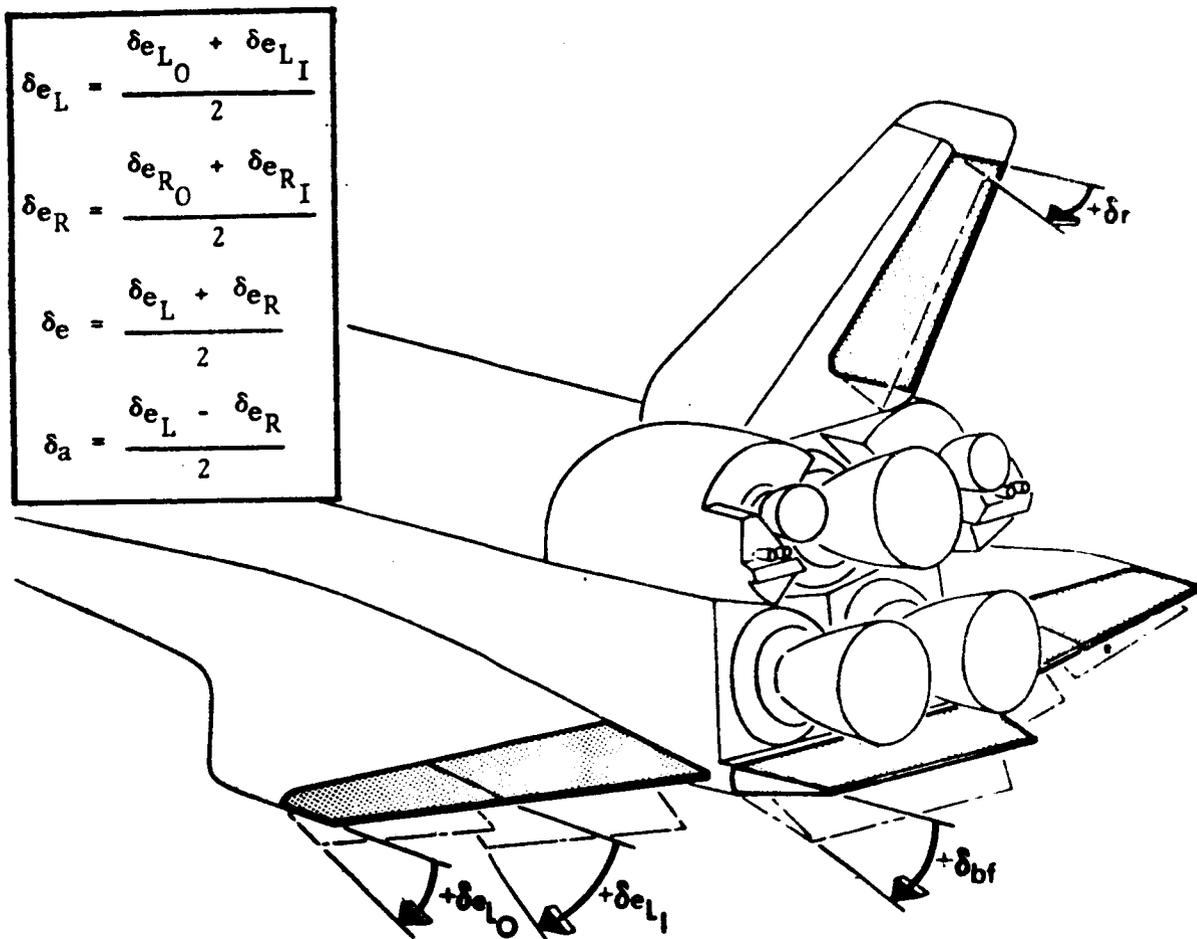
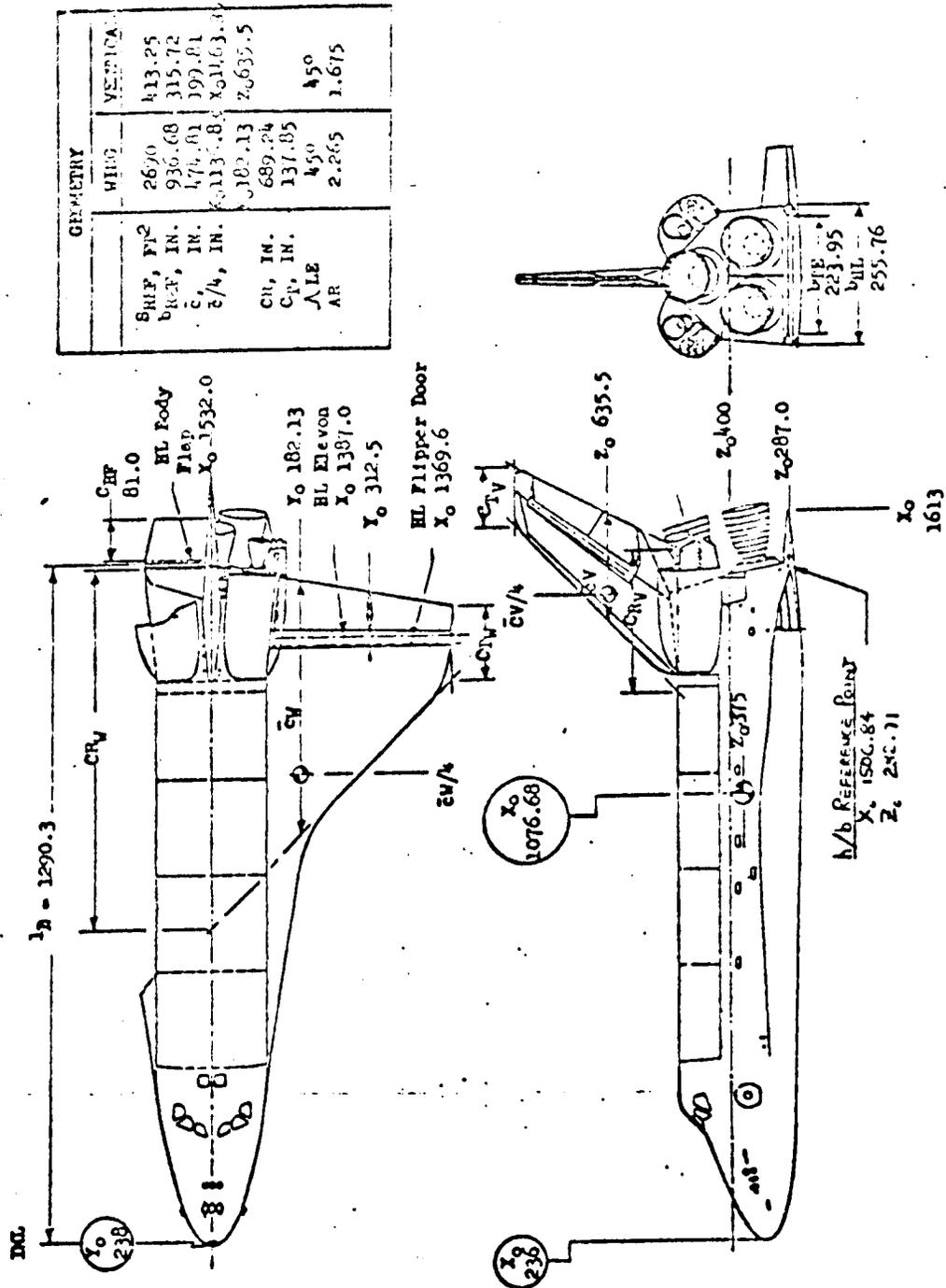
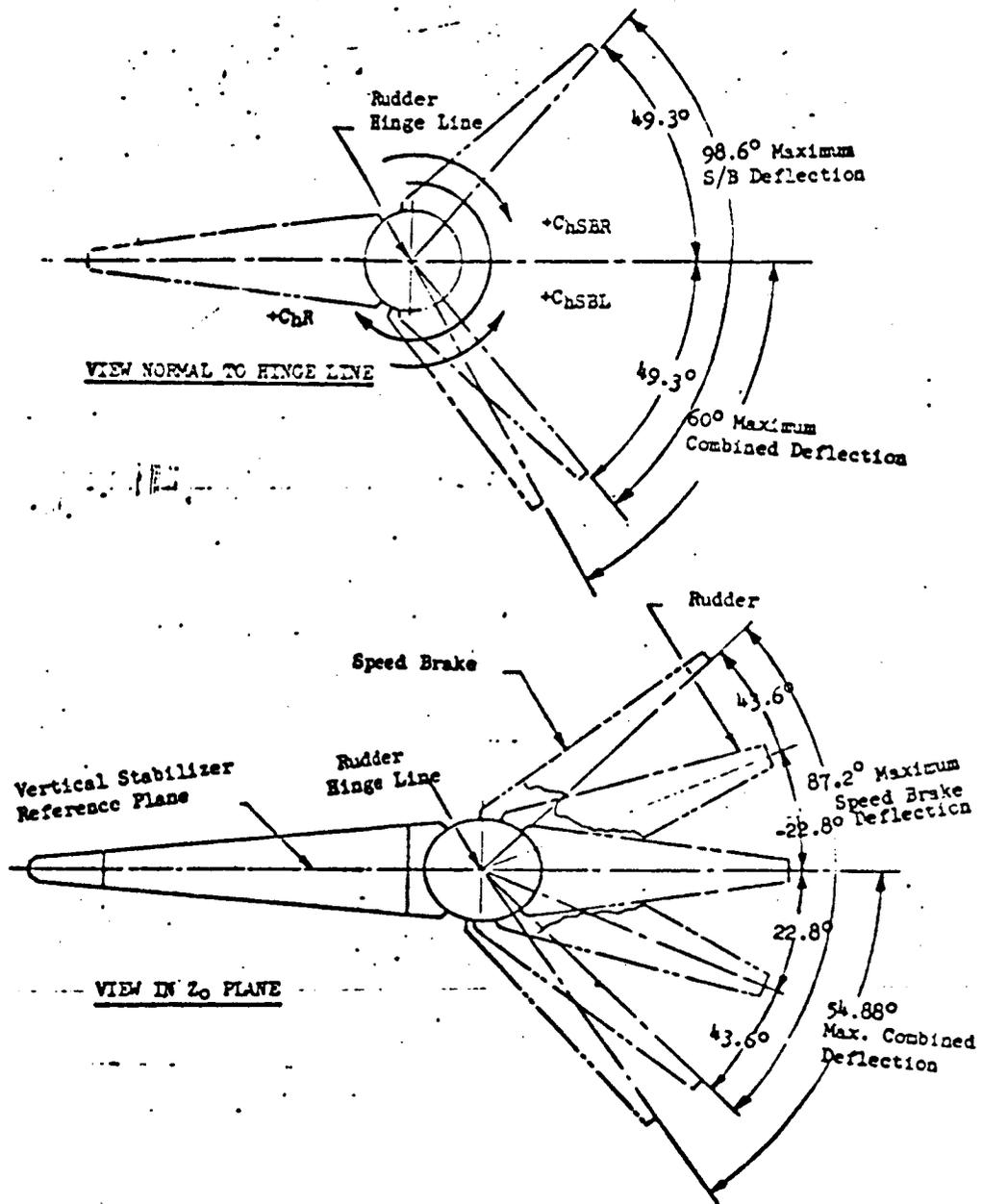


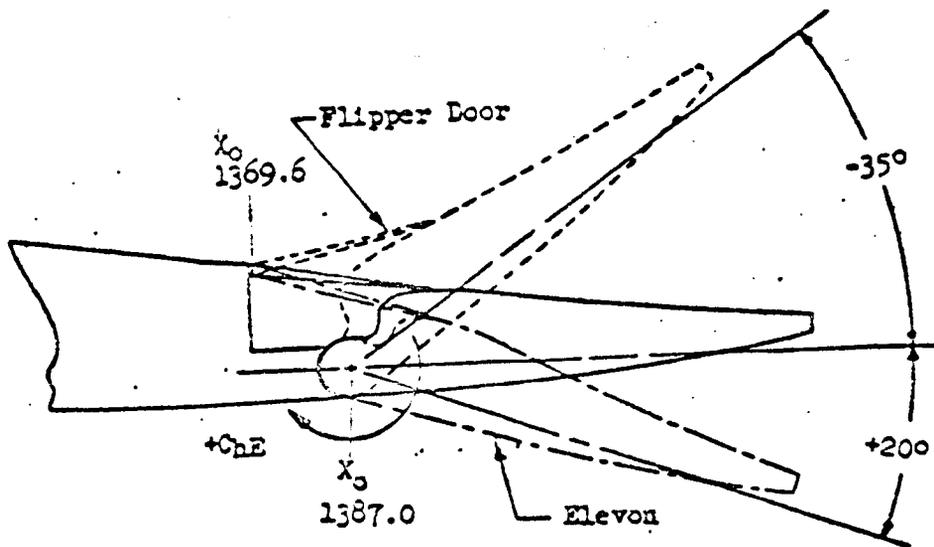
Figure 1b. Control Surface Deflections



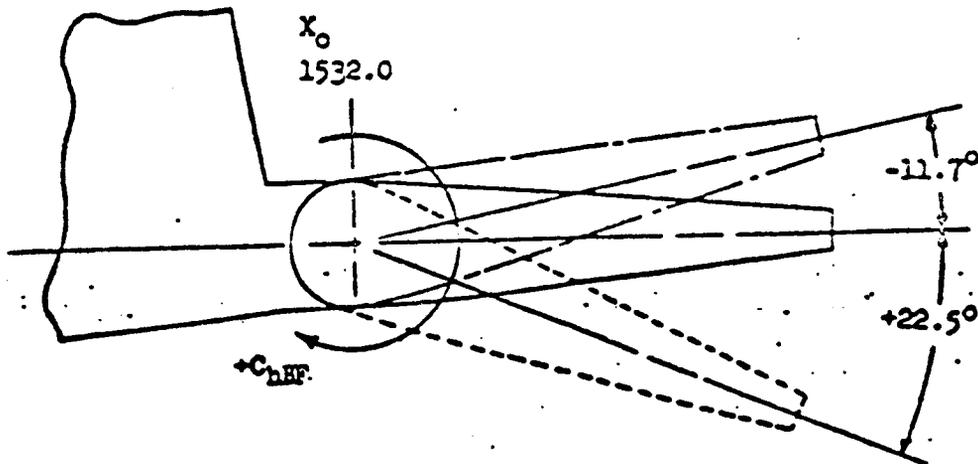
c. Orbiter Reference Dimensions
Figure 1. Continued.



d. Rudder/Speed Brake Deflections
Figure 1. Continued.

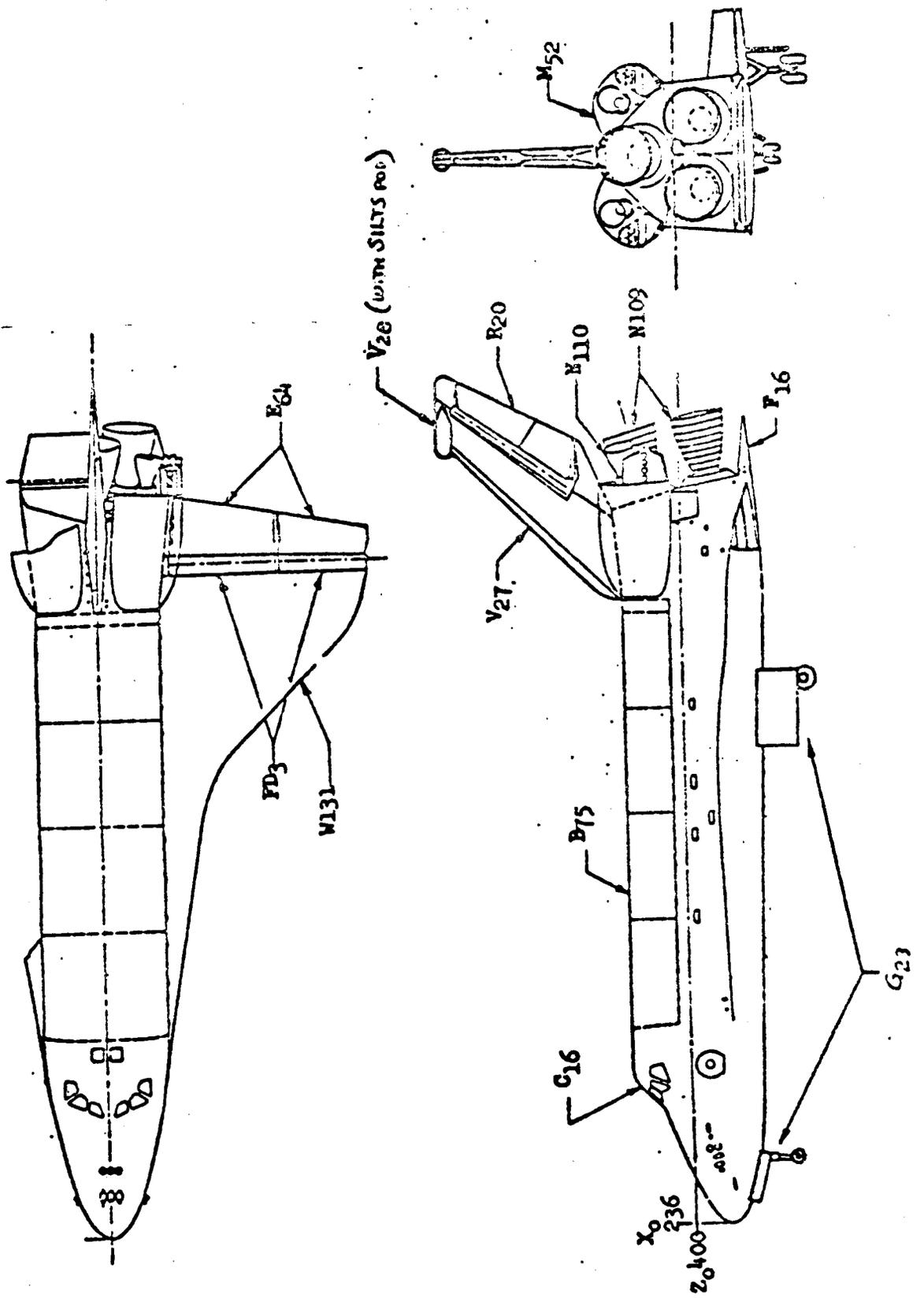


ELEVON DEFLECTIONS

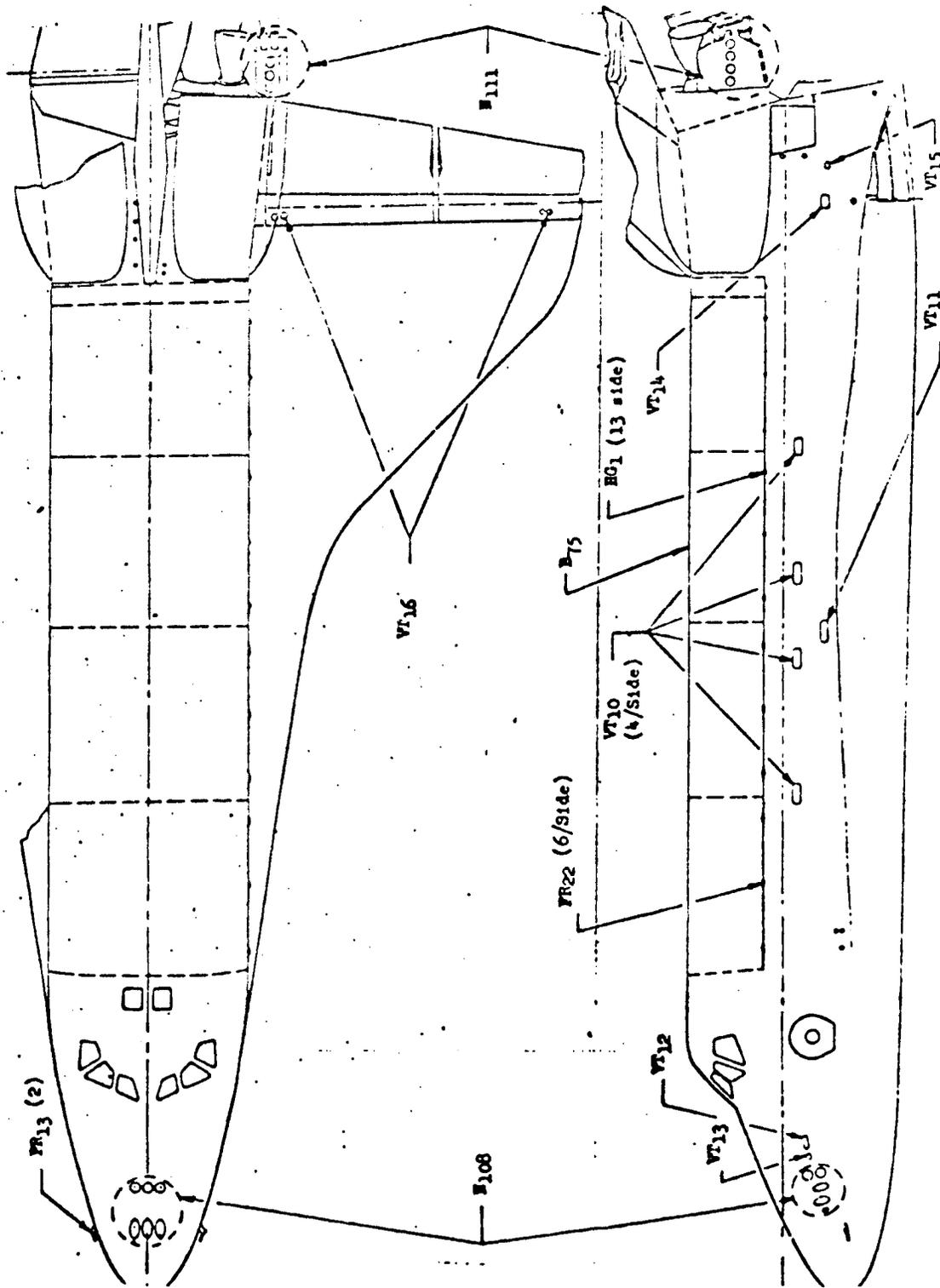


BODY FLAP DEFLECTIONS

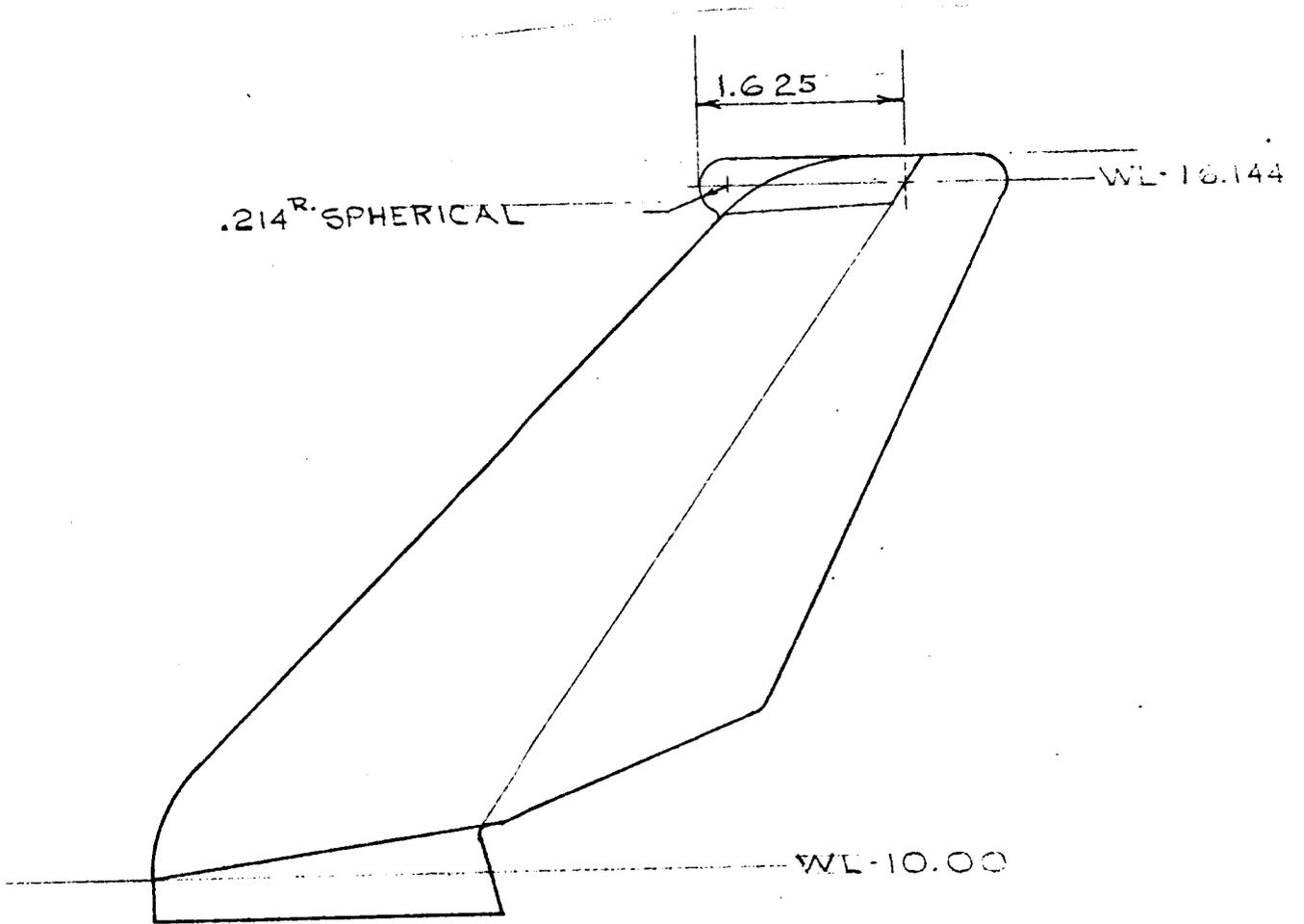
e. Elevon and Body Flap Deflections
Figure 1. Concluded.



a. Orbiter Configuration
Figure 2. Model sketches.

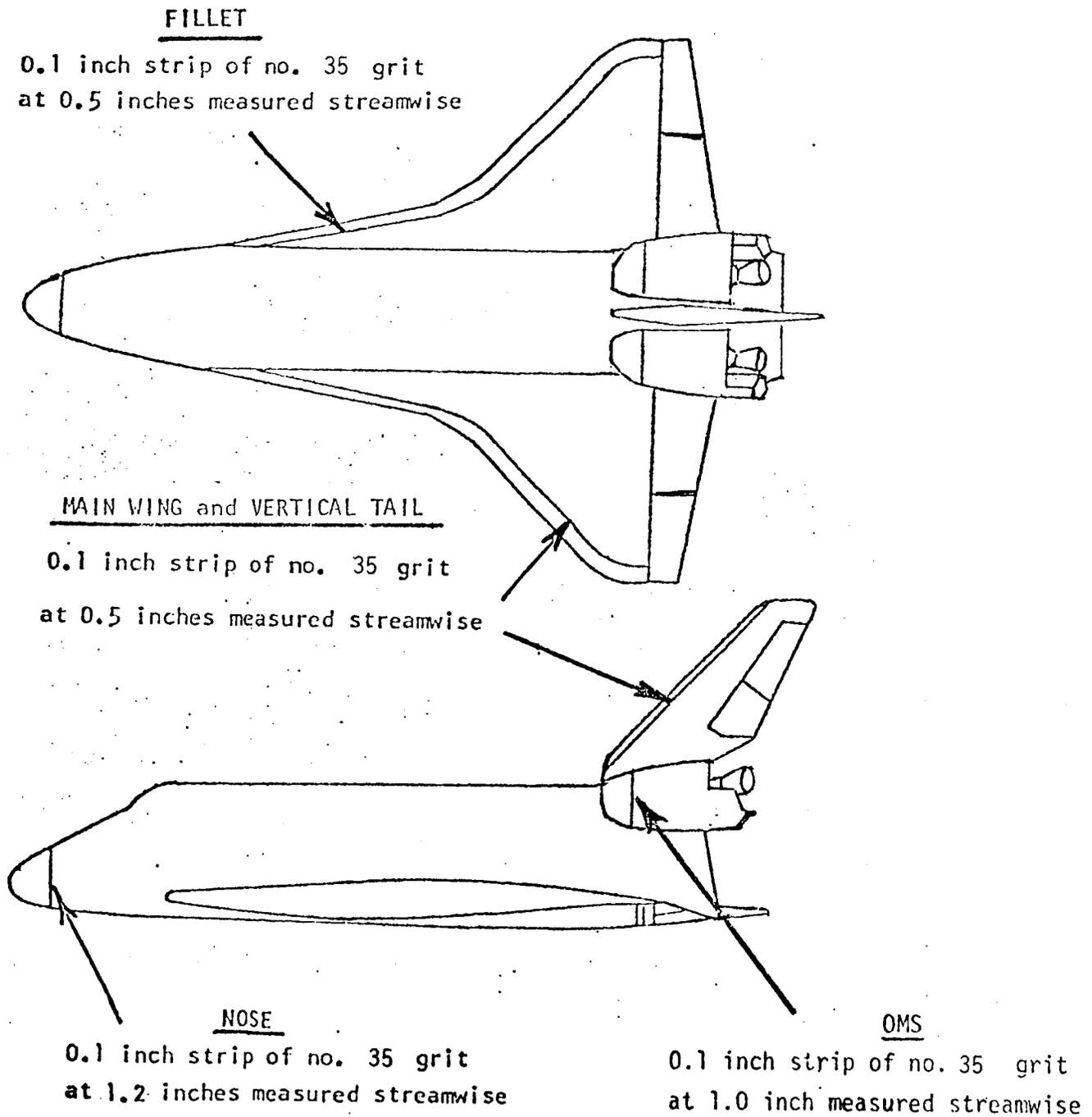


b. Protuberances and Penetrations
 Figure 2. Continued.



SCALE = .02

c. Silts Pod Detail
Figure 2. Continued.



d. Position of transition grit used in investigation
Figure 2. Concluded.

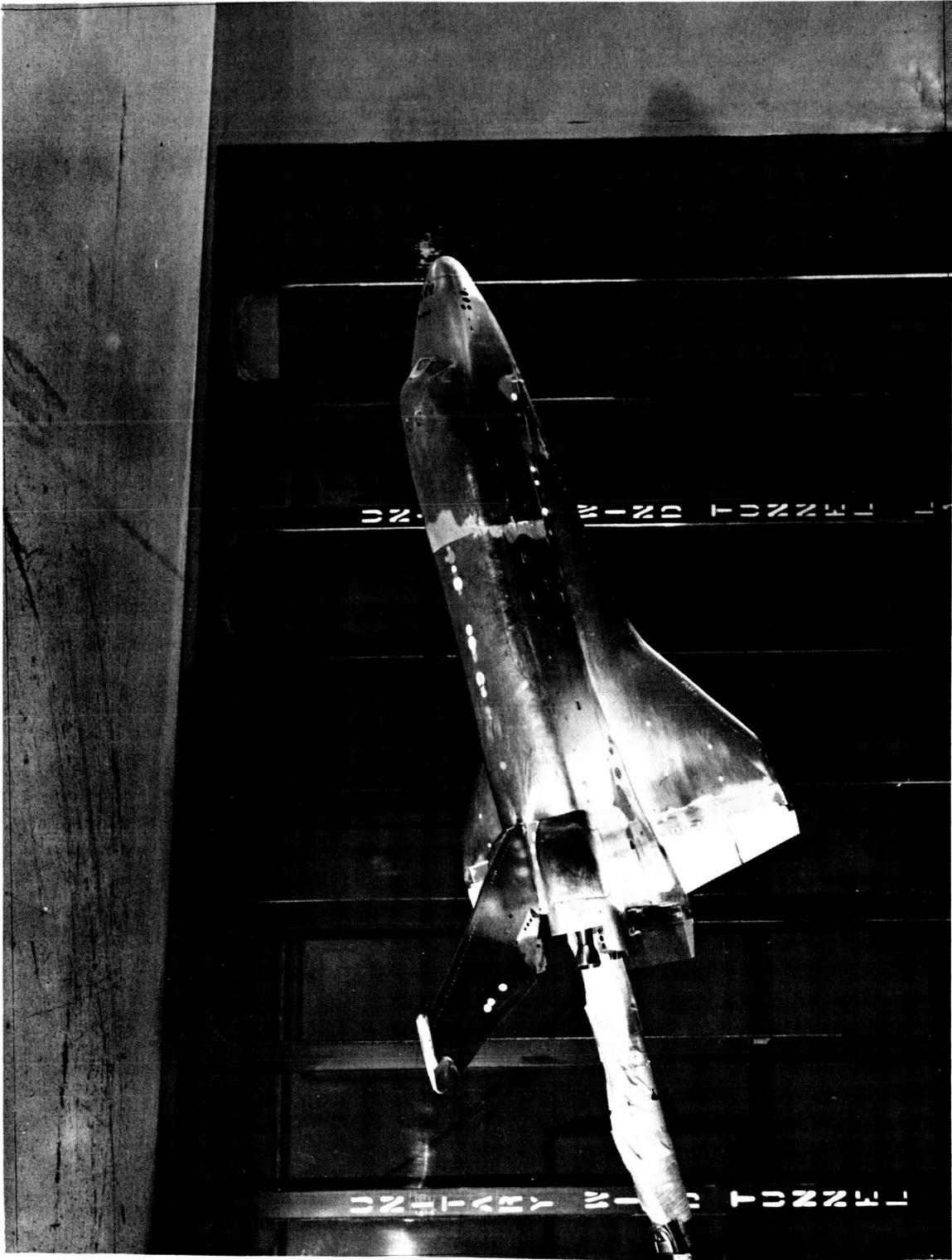


Figure 3. Photograph of Model 106-0 Installed in NASA/LaRC UPWT

APPENDIX
TABULATED SOURCE DATA

VOLUME II - 17A~~888~~ and 27A~~888~~ DATASETS
VOLUME III - 37A~~888~~ and 47A~~888~~ DATASETS

Tabulations of plotted data are available from Data Management Services upon request.

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAGE 1

LAI31, MODEL 105-0, SILTS OFF, SB CAVITY OPEN

(17A001) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = .000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.466	-1.10998	.13190	-.10420	.13651	.00790	-.00072	-.00015	.00024	.00000	.00000
2.500	-1.466	-.04930	.12900	-.04825	.12940	.00395	-.00031	-.00009	.00033	.00000	.00000
2.500	1.546	.01288	.12675	.00946	.12705	-.00029	.00003	.00000	.00026	.00000	.00000
2.500	3.600	.07382	.12383	.06590	.12822	-.00410	-.00006	.00002	.00015	.00000	.00000
2.500	4.595	.10350	.12141	.09344	.12931	-.00589	.00012	.00010	.00022	.00000	.00000
2.500	5.581	.13443	.11926	.12220	.13177	-.00781	.00037	.00003	.00011	.00000	.00000
2.500	7.604	.19829	.11617	.18117	.14139	-.01087	.00049	.00003	.00012	.00000	.00000
2.500	9.591	.26642	.11419	.24367	.15698	-.01376	.00034	.00007	.00012	.00000	.00000
2.500	11.626	.33953	.11186	.31002	.17798	-.01748	.00076	.00013	.00011	.00000	.00000
2.500	12.536	.37158	.11080	.33906	.18890	-.01961	.00073	.00013	.00005	.00000	.00000
2.500	13.521	.40783	.10952	.37092	.20184	-.02171	.00070	.00020	.00023	.00000	.00000
2.500	14.569	.44583	.10820	.40428	.21686	-.02398	.00115	.00030	.00015	.00000	.00000
2.500	15.532	.48180	.10700	.43555	.23212	-.02598	.00066	.00028	.00015	.00000	.00000
2.500	16.548	.52013	.10597	.46840	.24972	-.02827	.00054	.00025	.00009	.00000	.00000
2.500	17.553	.55786	.10482	.50027	.26818	-.03028	.00048	.00022	.00024	.00000	.00000
2.500	19.546	.63285	.10201	.56225	.30787	-.03425	.00078	.00022	.00019	.00000	.00000
2.500	23.546	.79393	.09550	.68967	.40472	-.04587	.00191	-.00015	.00035	.00000	.00000
2.500	24.594	.83898	.09387	.72380	.43453	-.04935	.00140	-.00022	.00036	.00000	.00000
2.500	27.601	.96810	.08880	.81678	.52723	-.05979	.00273	-.00018	.00037	.00000	.00000
2.500	31.649	1.14650	.07897	.93456	.66883	-.07154	.00297	.00045	.00029	.00000	.00000
2.500	GRADIENT	.03025	-.00142	.02802	-.00091	-.00196	.00011	.00003	-.00001	.00000	.00000

DATE 25 JUN 80 LA131 (LARC UPWT 1299) LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN (17A001) (24 JUN 80)

PARAMETRIC DATA

BETA = .070 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 467 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.347	-1.10470	.11403	-.09994	.11822	-.01117	.00175	-.00008	.00029	.00000	.00000
3.500	-1.358	-.08345	.11214	-.08077	.11409	-.01069	.00169	-.00008	.00031	.00000	.00000
3.500	-.371	-.06012	.11040	-.05940	.11079	-.01020	.00185	-.00007	.00031	.00000	.00000
3.500	1.682	-.01230	.10797	-.01546	.10756	-.00930	.00197	-.00001	.00036	.00000	.00000
3.500	3.615	.03526	.10504	.02857	.10705	-.00871	.00210	-.00005	.00040	.00000	.00000
3.500	4.658	.06088	.10291	.05232	.10751	-.00879	.00191	-.00007	.00037	.00000	.00000
3.500	5.627	.08691	.10070	.07662	.10873	-.00899	.00214	-.00000	.00041	.00000	.00000
3.500	7.649	.14310	.09650	.12898	.11469	-.00919	.00157	-.00008	.00035	.00000	.00000
3.500	9.648	.20056	.09379	.18201	.12607	-.00952	.00144	-.00018	.00039	.00000	.00000
3.500	11.686	.26182	.09249	.23766	.14361	-.01066	.00125	-.00028	.00040	.00000	.00000
3.500	12.605	.29054	.09187	.26349	.15306	-.01123	.00119	-.00025	.00037	.00000	.00000
3.500	13.596	.32191	.09125	.29144	.16436	-.01207	.00144	-.00023	.00047	.00000	.00000
3.500	14.597	.35507	.09070	.32075	.17726	-.01325	.00159	-.00016	.00049	.00000	.00000
3.500	15.624	.38971	.08970	.35115	.19135	-.01463	.00153	-.00011	.00047	.00000	.00000
3.500	16.629	.42378	.08887	.38062	.20643	-.01607	.00186	-.00008	.00054	.00000	.00000
3.500	17.651	.45851	.08803	.41023	.22291	-.01759	.00168	-.00007	.00054	.00000	.00000
3.500	19.683	.52994	.08590	.47004	.25937	-.02112	.00184	-.00013	.00054	.00000	.00000
3.500	23.643	.67992	.08291	.58960	.34862	-.02790	.00194	-.00011	.00057	.00000	.00000
3.500	24.724	.72426	.08262	.62331	.37797	-.02945	.00198	-.00013	.00057	.00000	.00000
3.500	27.680	.84982	.08087	.71500	.46638	-.03480	.00247	-.00001	.00059	.00000	.00000
3.500	31.682	1.03350	.07431	.84042	.60501	-.04885	.00328	-.00042	.00062	.00000	.00000
3.500	GRADIENT	.02372	-.00151	.02183	-.00144	.00036	.00004	.00000	.00001	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 64/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.401	-.10244	.10409	-.09799	.10829	-.01281	.00175	.00008	.00033	.00000	.00000
4.000	-.428	-.06172	.09999	-.06097	.10045	-.01247	.00195	.00002	.00037	.00000	.00000
4.000	1.503	-.01732	.09710	-.02003	.09658	-.01187	.00195	.00006	.00038	.00000	.00000
4.000	3.566	.02591	.09424	.01999	.09567	-.01105	.00211	-.00002	.00040	.00000	.00000
4.000	4.578	.05050	.09266	.04294	.09640	-.01072	.00236	-.00004	.00040	.00000	.00000
4.000	5.574	.07543	.09066	.06627	.09756	-.01083	.00202	-.00002	.00039	.00000	.00000
4.000	7.598	.12890	.08760	.11621	.10385	-.01139	.00207	.00006	.00040	.00000	.00000
4.000	9.576	.18343	.08386	.16693	.11321	-.01091	.00166	.00014	.00043	.00000	.00000
4.000	11.590	.24140	.08257	.21989	.12938	-.01154	.00142	.00015	.00048	.00000	.00000
4.000	12.562	.26992	.08216	.24559	.13890	-.01197	.00158	.00015	.00053	.00000	.00000
4.000	13.584	.30133	.08142	.27378	.14991	-.01268	.00163	.00016	.00056	.00000	.00000
4.000	14.575	.33366	.08046	.30268	.16183	-.01353	.00180	.00015	.00061	.00000	.00000
4.000	15.580	.36598	.07959	.33116	.17496	-.01449	.00183	.00002	.00067	.00000	.00000
4.000	16.571	.39910	.07880	.36005	.18935	-.01553	.00188	.00006	.00065	.00000	.00000
4.000	17.634	.43499	.07787	.39096	.20599	-.01668	.00169	.00015	.00061	.00000	.00000
4.000	19.575	.50414	.07638	.44941	.24087	-.01919	.00195	.00009	.00068	.00000	.00000
4.000	23.595	.65722	.07403	.57264	.33091	-.02408	.00220	.00025	.00066	.00000	.00000
4.000	24.582	.69640	.07393	.60253	.35693	-.02546	.00211	.00022	.00061	.00000	.00000
4.000	27.569	.82179	.07263	.69487	.44472	-.03121	.00252	.00004	.00071	.00000	.00000
4.000	31.598	1.00380	.06751	.81960	.58344	-.04344	.00239	-.00006	.00071	.00000	.00000
4.000	GRADIENT	.02188	-.00160	.02016	-.00165	.00031	.00007	-.00002	.00001	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A001) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 83/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.400	-.10051	.09744	-.09634	.10156	-.01594	.00101	.00001	.00016	.00000	.00000
4.500	-.381	-.05962	.09292	-.05900	.09331	-.01424	.00071	.00004	.00018	.00000	.00000
4.500	1.545	-.01690	.08910	-.01945	.08858	-.01314	.00110	-.00000	.00017	.00000	.00000
4.500	3.631	.02467	.08601	.01917	.08740	-.01169	.00102	-.00004	.00024	.00000	.00000
4.500	4.691	.04977	.08379	.04275	.08758	-.01157	.00090	.00002	.00026	.00000	.00000
4.500	5.665	.07253	.08171	.06411	.08847	-.01164	.00132	-.00000	.00032	.00000	.00000
4.500	7.694	.12280	.07945	.11106	.09518	-.01186	.00134	-.00004	.00034	.00000	.00000
4.500	9.673	.17439	.07666	.15903	.10487	-.01170	.00081	-.00000	.00034	.00000	.00000
4.500	11.662	.22862	.07412	.20892	.11880	-.01158	.00026	.00023	.00029	.00000	.00000
4.500	12.667	.25784	.07372	.23540	.12846	-.01210	.00059	.00022	.00029	.00000	.00000
4.500	13.609	.28617	.07331	.26089	.13858	-.01240	.00038	.00027	.00026	.00000	.00000
4.500	14.647	.31784	.07271	.28912	.15072	-.01293	.00084	.00020	.00035	.00000	.00000
4.500	15.570	.34758	.07162	.31545	.16284	-.01364	.00087	.00008	.00040	.00000	.00000
4.500	16.631	.38293	.07122	.34641	.17822	-.01437	.00093	.00006	.00046	.00000	.00000
4.500	17.636	.41517	.07098	.37415	.19343	-.01548	.00080	.00001	.00049	.00000	.00000
4.500	19.640	.48430	.07018	.43253	.22888	-.01774	.00083	.00001	.00051	.00000	.00000
4.500	23.671	.63532	.06869	.55429	.31798	-.02397	.00144	-.00015	.00068	.00000	.00000
4.500	24.646	.67286	.06889	.58283	.34321	-.02566	.00148	-.00009	.00060	.00000	.00000
4.500	27.654	.79652	.06807	.67394	.42999	-.03181	.00154	-.00016	.00070	.00000	.00000
4.500	31.609	.97080	.06379	.79335	.56313	-.04532	.00178	-.00007	.00071	.00000	.00000
4.500	GRADIENT	.02111	-.00188	.01954	-.00192	.00063	.00001	-.00000	.00001	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A002) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.405	-.10521	.10177	-.10085	.10609	-.01674	.00169	.00006	.00029	.00000	.00000
4.500	-.344	-.06342	.09701	-.06284	.09739	-.01505	.00139	.00004	.00028	.00000	.00000
4.500	1.551	-.02218	.09301	-.02485	.09233	-.01386	.00150	-.00000	.00000	.00000	.00000
4.500	3.674	.02121	.08970	.01542	.09087	-.01238	.00170	-.00002	.00033	.00000	.00000
4.500	4.665	.04443	.08752	.03716	.09085	-.01217	.00158	.00002	.00034	.00000	.00000
4.500	5.650	.06765	.08548	.05891	.09172	-.01224	.00172	-.00000	.00041	.00000	.00000
4.500	7.599	.11548	.08291	.10350	.09745	-.01239	.00187	-.00004	.00046	.00000	.00000
	GRADIENT	.02110	-.00197	.01946	-.00210	.00066	.00001	-.00001	.00001	.00000	.00000

RUN NO. 80/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.094	-.19429	.14665	-.18050	.16332	.01248	.01585	-.00152	.00123	.00000	.00000
2.500	-4.066	-.16199	.14558	-.15126	.15670	.01059	.01559	-.00146	.00123	.00000	.00000
2.500	-3.121	-.13159	.14448	-.12353	.15143	.00887	.01536	-.00135	.00121	.00000	.00000
2.500	-2.150	-.10130	.14298	-.09587	.14668	.00671	.01442	-.00118	.00112	.00000	.00000
2.500	-1.093	-.06973	.14119	-.06602	.14248	.00426	.01427	-.00098	.00103	.00000	.00000
2.500	-.930	-.03807	.13933	-.03784	.13940	.00187	.01373	-.00079	.00088	.00000	.00000
2.500	.930	-.00752	.13786	-.00976	.13772	-.00009	.01327	-.00066	.00079	.00000	.00000
2.500	1.972	.13662	.13662	.02047	.13740	-.00182	.01322	-.00060	.00092	.00000	.00000
2.500	3.407	.05551	.13463	.05740	.13628	-.00436	.01291	-.00041	.00094	.00000	.00000
	GRADIENT	.03052	-.00151	.02801	-.00255	.00205	-.00038	.00015	-.00006	.00000	.00000

RUN NO. 15/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LA131,MODEL 106-0, SILTS OFF, SB CV OPN, (INVERT)

(17A003) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CV OPN,(INVERT)

(17A003) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
3.500	-5.131	-.16563	.12462	-.15382	-.01371	.13893	.00396	.00008	.00011	.00000	.00000
3.500	-4.191	-.14479	.12321	-.13540	-.01306	.13346	.00381	.00012	.00015	.00000	.00000
3.500	-3.256	-.12372	.12149	-.11662	-.01271	.12832	.00386	.00013	.00013	.00000	.00000
3.500	-2.197	-.09871	.11922	-.09407	-.01209	.12292	.00382	.00020	.00012	.00000	.00000
3.500	-1.180	-.07654	.11663	-.07413	-.01143	.11818	.00377	.00012	.00009	.00000	.00000
3.500	-.159	-.05225	.11418	-.05194	-.01101	.11433	.00372	.00013	.00010	.00000	.00000
3.500	.787	-.02936	.11226	-.03090	-.01066	.11185	.00388	.00018	.00009	.00000	.00000
3.500	1.875	-.00359	.11064	-.00720	-.00971	.11046	.00382	.00023	.00005	.00000	.00000
3.500	2.830	.01966	.10905	.01425	-.00913	.10989	.00417	.00022	.00008	.00000	.00000
	GRADIENT	.02341	-.00208	.02131	.00056	-.00344	.00003	.00001	-.00001	.00000	.00000

MACH	ALPHA	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
4.000	-5.089	-.16016	.11691	-.14916	-.01782	.13066	.00327	.00008	.00002	.00000	.00000
4.000	-4.142	-.14140	.11509	-.13271	-.01705	.12501	.00333	.00009	.00002	.00000	.00000
4.000	-3.136	-.12160	.11294	-.11524	-.01579	.11942	.00305	.00013	.00004	.00000	.00000
4.000	-2.094	-.10045	.10984	-.09637	-.01455	.11343	.00310	.00014	.00002	.00000	.00000
4.000	-1.190	-.08064	.10712	-.07840	-.01370	.10877	.00373	.00012	.00003	.00000	.00000
4.000	-.128	-.05766	.10448	-.05743	-.01318	.10461	.00322	.00016	.00001	.00000	.00000
4.000	.870	-.03522	.10224	-.03677	-.01282	.10169	.00337	.00015	.00001	.00000	.00000
4.000	1.928	-.01143	.10021	-.01480	-.01233	.09977	.00329	.00018	.00002	.00000	.00000
4.000	2.843	.00912	.09838	.00423	-.01203	.09872	.00331	.00010	.00001	.00000	.00000
	GRADIENT	.02166	-.00245	.01973	.00069	-.00382	.00002	.00000	-.00001	.00000	.00000

MACH	ALPHA	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
4.500	-5.137	-.15887	.11442	-.14799	-.02102	.12818	.00455	.00006	.00000	.00000	.00000
4.500	-4.183	-.14323	.11255	-.13464	-.01975	.12270	.00418	.00008	.00000	.00000	.00000
4.500	-3.187	-.12559	.10984	-.11929	-.01827	.11665	.00433	.00009	.00001	.00000	.00000
4.500	-2.194	-.10606	.10680	-.10189	-.01703	.11078	.00446	.00016	.00003	.00000	.00000
4.500	-1.170	-.08514	.10373	-.08300	-.01632	.10545	.00424	.00017	.00003	.00000	.00000
4.500	-.201	-.06515	.10138	-.06479	-.01543	.10161	.00444	.00020	.00003	.00000	.00000
4.500	.832	-.04377	.09885	-.04520	-.01478	.09821	.00448	.00023	.00001	.00000	.00000
4.500	1.818	-.02333	.09683	-.02639	-.01408	.09604	.00450	.00018	.00003	.00000	.00000
4.500	2.414	-.00969	.09579	-.01372	-.01323	.09530	.00452	.00018	.00003	.00000	.00000
	GRADIENT	.02033	-.00257	.01843	.00091	-.00417	.00004	.00002	-.00000	.00000	.00000

DATE 25 JUN 80 LA131 (LARC UPWT 1299) (17A004) (24 JUN 80)

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 17/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.459	-1.10929	.13140	-.10355	.13597	.00614	-.04050	.00296	-.00229	.00000	.00000
2.500	-.480	-.04946	.13043	-.04836	.13084	.00263	-.03812	.00263	-.00198	.00000	.00000
2.500	1.508	.01198	.12824	.00837	.12852	-.00089	-.03527	.00195	-.00174	.00000	.00000
2.500	3.568	.07198	.12439	.06409	.12863	-.00476	-.03261	.00112	-.00189	.00000	.00000
2.500	4.572	.10238	.12302	.09225	.13079	-.00669	-.03164	.00079	-.00191	.00000	.00000
2.500	5.594	.13411	.12056	.12172	.13306	-.00805	-.03146	.00070	-.00190	.00000	.00000
2.500	7.582	.20006	.11777	.18277	.14314	-.01144	-.03076	.00049	-.00215	.00000	.00000
2.500	9.558	.26668	.11457	.24395	.15726	-.01465	-.03037	.00040	-.00263	.00000	.00000
2.500	11.539	.33576	.11217	.30654	.17707	-.01839	-.02996	.00020	-.00294	.00000	.00000
2.500	12.541	.37229	.11122	.33926	.18940	-.02033	-.02946	.00000	-.00312	.00000	.00000
2.500	13.526	.40804	.11003	.37099	.20242	-.02208	-.02877	-.00047	-.00299	.00000	.00000
2.500	14.563	.44544	.10889	.40375	.21740	-.02449	-.02775	-.00117	-.00295	.00000	.00000
2.500	15.566	.48353	.10774	.43688	.23354	-.02677	-.02634	-.00179	-.00282	.00000	.00000
2.500	16.527	.51919	.10625	.46751	.24955	-.02862	-.02512	-.00224	-.00287	.00000	.00000
2.500	17.528	.55534	.10439	.49812	.26679	-.03020	-.02426	-.00270	-.00289	.00000	.00000
2.500	19.533	.63341	.10189	.56289	.30780	-.03498	-.02216	-.00379	-.00296	.00000	.00000
2.500	23.568	.79478	.09454	.69068	.40444	-.04629	-.01900	-.00595	-.00244	.00000	.00000
2.500	27.553	.96354	.09328	.81332	.52416	-.04979	-.01882	-.00653	-.00234	.00000	.00000
2.500	31.606	1.14350	.07928	.93241	.66684	-.05929	-.01595	-.00718	-.00222	.00000	.00000
2.500	GRADIENT	.03007	-.00124	.02782	-.00076	-.00182	-.00129	-.00032	.00005	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

PAGE 8

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A004) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDPRK = 55.000 RUDDER = .000

RUN NO. 47/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.348	-1.0310	.10971	-.09852	.11384	-.01119	-.03336	.00207	-.00086	.00000	.00000
3.500	-.370	-.05886	.10777	-.05816	.10815	-.00965	-.03200	.00193	-.00110	.00000	.00000
3.500	1.631	-.01119	.10512	-.01418	.10476	-.00878	-.03065	.00173	-.00146	.00000	.00000
3.500	3.687	.03905	.10081	.03249	.10311	-.00898	-.02809	.00097	-.00168	.00000	.00000
3.500	4.643	.06393	.09889	.05571	.10374	-.00928	-.02756	.00083	-.00180	.00000	.00000
3.500	5.672	.09061	.09688	.08059	.10536	-.00925	-.02732	.00077	-.00187	.00000	.00000
3.500	7.658	.14620	.09389	.13238	.11253	-.00947	-.02679	.00056	-.00201	.00000	.00000
3.500	9.692	.20565	.09086	.18742	.12419	-.00949	-.02681	.00049	-.00232	.00000	.00000
3.500	11.641	.26377	.08937	.24032	.14075	-.01056	-.02622	.00015	-.00245	.00000	.00000
3.500	12.649	.29580	.08877	.26918	.15138	-.01110	-.02567	.00000	-.00256	.00000	.00000
3.500	13.626	.32613	.08805	.29621	.16241	-.01206	-.02522	-.00021	-.00257	.00000	.00000
3.500	14.617	.35831	.08718	.32472	.17478	-.01334	-.02429	-.00069	-.00260	.00000	.00000
3.500	15.638	.39365	.08636	.35580	.18927	-.01460	-.02307	-.00117	-.00254	.00000	.00000
3.500	16.675	.42820	.08550	.38566	.20478	-.01619	-.02206	-.00164	-.00246	.00000	.00000
3.500	17.654	.46215	.08463	.41472	.22080	-.01757	-.02133	-.00198	-.00254	.00000	.00000
3.500	19.613	.53179	.08268	.47318	.25639	-.02078	-.02026	-.00276	-.00249	.00000	.00000
3.500	23.612	.68361	.07961	.59449	.34676	-.02796	-.01750	-.00462	-.00206	.00000	.00000
3.500	24.671	.72681	.07916	.62743	.37531	-.02990	-.01670	-.00502	-.00205	.00000	.00000
3.500	27.654	.85275	.07700	.71960	.46400	-.03560	-.01570	-.00538	-.00220	.00000	.00000
3.500	31.678	1.03800	.07209	.84546	.60643	-.04686	-.01685	-.00455	-.00287	.00000	.00000
3.500	GRADIENT	.02390	-.00157	.02208	-.00144	.00026	.00086	-.00019	-.00014	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A004) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 65/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.445	-.10463	.10344	-.10012	.10781	-.01295	-.03191	.00210	-.00066	.00000	.00000
4.000	-.406	-.06232	.10054	-.06160	.10098	-.01175	-.03031	.00193	-.00094	.00000	.00000
4.000	1.504	-.01927	.09767	-.02199	.09709	-.01127	-.02937	.00179	-.00135	.00000	.00000
4.000	3.576	.02581	.09390	.01990	.09533	-.01109	-.02721	.00103	-.00151	.00000	.00000
4.000	4.571	.04991	.09189	.04243	.09557	-.01124	-.02629	.00084	-.00160	.00000	.00000
4.000	5.615	.07598	.09002	.06681	.09702	-.01122	-.02616	.00074	-.00177	.00000	.00000
4.000	7.613	.12780	.08706	.11514	.10322	-.01106	-.02543	.00062	-.00201	.00000	.00000
4.000	9.584	.18218	.08444	.16558	.11359	-.01122	-.02436	.00028	-.00215	.00000	.00000
4.000	11.611	.24020	.08221	.21874	.12887	-.01214	-.02418	.00001	-.00237	.00000	.00000
4.000	12.608	.27035	.08183	.24596	.13887	-.01257	-.02369	-.00033	-.00242	.00000	.00000
4.000	13.582	.30104	.08113	.27356	.14956	-.01357	-.02286	-.00063	-.00249	.00000	.00000
4.000	14.607	.33387	.08063	.30275	.16222	-.01388	-.02215	-.00090	-.00254	.00000	.00000
4.000	15.592	.36601	.07985	.33108	.17528	-.01484	-.02165	-.00113	-.00264	.00000	.00000
4.000	16.606	.39983	.07911	.36054	.19008	-.01562	-.02095	-.00140	-.00262	.00000	.00000
4.000	17.583	.43232	.07823	.38849	.20517	-.01667	-.02074	-.00172	-.00268	.00000	.00000
4.000	19.583	.50324	.07694	.44834	.24115	-.01870	-.01962	-.00242	-.00267	.00000	.00000
4.000	23.592	.65546	.07453	.57085	.33063	-.02455	-.01650	-.00400	-.00240	.00000	.00000
4.000	24.597	.69635	.07408	.60233	.35720	-.02596	-.01627	-.00426	-.00244	.00000	.00000
4.000	27.602	.82194	.07239	.69485	.44498	-.03198	-.01580	-.00423	-.00280	.00000	.00000
4.000	31.585	.99881	.06758	.81544	.58073	-.04438	-.01618	-.00383	-.00304	.00000	.00000
4.000	GRADIENT	.02200	-.00164	.02029	-.00172	.00024	.00079	-.00019	-.00014	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 84 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.364	-.10108	.09838	-.09694	.10246	-.01601	-.03057	.00138	-.00056	.00000	.00000
4.500	-.373	-.06127	.09455	-.06066	.09494	-.01420	-.02922	.00115	-.00082	.00000	.00000
4.500	1.537	-.01965	.09075	-.02224	.09015	-.01283	-.02824	.00106	-.00127	.00000	.00000
4.500	3.612	.02411	.08638	.01862	.08773	-.01267	-.02605	.00035	-.00131	.00000	.00000
4.500	4.609	.04678	.08419	.03987	.08768	-.01272	-.02549	.00033	-.00147	.00000	.00000
4.500	5.660	.07180	.08261	.06330	.08929	-.01257	-.02491	.00029	-.00167	.00000	.00000
4.500	7.598	.11965	.08007	.10801	.09518	-.01221	-.02406	.00016	-.00186	.00000	.00000
4.500	9.666	.17357	.07718	.15815	.10523	-.01236	-.02257	-.00037	-.00193	.00000	.00000
4.500	11.643	.22719	.07471	.20744	.11903	-.01292	-.02205	-.00055	-.00221	.00000	.00000
4.500	12.667	.25684	.07346	.23448	.12799	-.01323	-.02214	-.00064	-.00235	.00000	.00000
4.500	13.642	.28703	.07323	.26166	.13886	-.01377	-.02182	-.00077	-.00243	.00000	.00000
4.500	14.652	.31858	.07319	.28971	.15139	-.01375	-.02121	-.00087	-.00252	.00000	.00000
4.500	15.610	.34876	.07278	.31631	.16394	-.01405	-.02089	-.00105	-.00263	.00000	.00000
4.500	16.599	.38036	.07208	.34391	.17774	-.01499	-.02058	-.00126	-.00277	.00000	.00000
4.500	17.618	.41346	.07166	.37238	.19344	-.01571	-.02016	-.00143	-.00277	.00000	.00000
4.500	19.620	.48319	.07063	.43142	.22877	-.01796	-.01897	-.00210	-.00268	.00000	.00000
4.500	23.689	.63467	.06895	.55349	.31814	-.02451	-.01685	-.00336	-.00244	.00000	.00000
4.500	24.604	.67067	.06885	.58111	.34183	-.02629	-.01643	-.00352	-.00251	.00000	.00000
4.500	27.600	.79305	.06837	.67112	.42801	-.03294	-.01623	-.00381	-.00280	.00000	.00000
4.500	31.661	.97161	.06475	.79302	.56510	-.04573	-.01615	-.00323	-.00320	.00000	.00000
4.500	GRADIENT	.02121	-.00203	.01964	-.00210	.00047	.00074	-.00016	-.00013	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A005) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 18/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CEL	ELEVON	AILRON
2.500	-2.453	-1.1125	.13244	-.10548	.13708	.00741	-.04722	.00694	-.00437	.00000	.00000
2.500	-.437	-.04911	.13156	-.04811	.13193	.00380	-.04442	.00626	-.00401	.00000	.00000
2.500	1.539	.01026	.12927	.00678	.12950	.00020	-.04182	.00534	-.00387	.00000	.00000
2.500	3.673	.07379	.12520	.06562	.12967	-.00392	-.03824	.00454	-.00386	.00000	.00000
2.500	4.599	.10277	.12397	.09250	.13181	-.00575	-.03776	.00414	-.00379	.00000	.00000
2.500	5.561	.13222	.12216	.11976	.13439	-.00735	-.03722	.00395	-.00372	.00000	.00000
2.500	6.556	.16371	.12020	.14891	.13810	-.00884	-.03696	.00380	-.00387	.00000	.00000
2.500	7.550	.19667	.11885	.17935	.14366	-.01030	-.03659	.00364	-.00396	.00000	.00000
2.500	9.522	.26383	.11559	.24107	.15764	-.01339	-.03557	.00347	-.00438	.00000	.00000
2.500	11.523	.33436	.11322	.30501	.17773	-.01727	-.03541	.00316	-.00460	.00000	.00000
2.500	12.567	.37230	.11215	.33898	.19047	-.01922	-.03522	.00289	-.00482	.00000	.00000
2.500	13.508	.40523	.11114	.36806	.20272	-.02094	-.03439	.00245	-.00469	.00000	.00000
2.500	14.559	.44513	.11002	.40318	.21838	-.02313	-.03253	.00174	-.00461	.00000	.00000
2.500	15.567	.48168	.10869	.43484	.23397	-.02543	-.03121	.00109	-.00448	.00000	.00000
2.500	16.553	.51885	.10711	.46683	.25049	-.02723	-.03017	.00054	-.00442	.00000	.00000
2.500	17.571	.55719	.10547	.49335	.26876	-.02934	-.02883	.00006	-.00449	.00000	.00000
2.500	19.553	.63246	.10256	.56167	.30832	-.03410	-.02585	-.00111	-.00442	.00000	.00000
2.500	23.536	.79261	.09469	.68886	.40332	-.04618	-.02286	-.00390	-.00359	.00000	.00000
2.500	24.607	.83643	.09329	.72168	.43312	-.04953	-.02214	-.00440	-.00338	.00000	.00000
2.500	27.527	.96121	.08873	.81138	.52293	-.05938	-.01909	-.00581	-.00318	.00000	.00000
2.500	31.581	1.14170	.07972	.93083	.66580	-.07121	-.01870	-.00565	-.00370	.00000	.00000
2.500	GRADIENT	.03024	-.00127	.02797	-.00076	-.00187	.00139	-.00040	.00007	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 48/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.342	-.10398	.11098	-.09936	.11514	-.01003	-.03859	.00507	-.00259	.00000	.00000
3.500	-.369	-.05976	.10905	-.05906	.10944	-.00862	-.03685	.00475	-.00275	.00000	.00000
3.500	1.577	-.01098	.10617	-.01408	.10581	-.00777	-.03540	.00444	-.00308	.00000	.00000
3.500	3.641	.03750	.10221	.03094	.10438	-.00787	-.03324	.00373	-.00328	.00000	.00000
3.500	4.622	.06316	.10034	.05487	.10511	-.00818	-.03263	.00357	-.00334	.00000	.00000
3.500	5.598	.08844	.09830	.07843	.10646	-.00828	-.03251	.00347	-.00344	.00000	.00000
3.500	7.704	.14674	.09523	.13265	.11404	-.00825	-.03162	.00323	-.00355	.00000	.00000
3.500	9.593	.20139	.09190	.18326	.12417	-.00839	-.03189	.00313	-.00376	.00000	.00000
3.500	11.626	.26278	.09034	.23918	.14145	-.00945	-.03050	.00260	-.00380	.00000	.00000
3.500	12.594	.29287	.08958	.26629	.15128	-.00993	-.03004	.00239	-.00389	.00000	.00000
3.500	13.662	.32720	.08885	.29696	.16362	-.01086	-.02929	.00207	-.00385	.00000	.00000
3.500	14.601	.35802	.08792	.32430	.17533	-.01218	-.02796	.00155	-.00382	.00000	.00000
3.500	15.593	.39140	.08705	.35360	.18906	-.01347	-.02684	.00100	-.00378	.00000	.00000
3.500	16.659	.42738	.08599	.38479	.20490	-.01536	-.02554	.00041	-.00363	.00000	.00000
3.500	17.639	.46099	.08510	.41353	.22079	-.01679	-.02475	-.00004	-.00360	.00000	.00000
3.500	19.668	.53302	.08278	.47407	.25734	-.02059	-.02338	-.00105	-.00350	.00000	.00000
3.500	23.701	.68699	.07952	.59708	.34895	-.02818	-.02000	-.00339	-.00282	.00000	.00000
3.500	24.618	.72424	.07908	.62547	.37359	-.02970	-.01888	-.00375	-.00276	.00000	.00000
3.500	27.695	.85495	.07689	.72127	.46543	-.03578	-.01730	-.00445	-.00274	.00000	.00000
3.500	31.685	1.03750	.07197	.84504	.60617	-.04702	-.01781	-.00382	-.00326	.00000	.00000
3.500	GRADIENT	.02401	-.00155	.02216	-.00145	.00026	.00087	-.00022	-.00011	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A005) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 66/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.401	-1.0515	.10418	-1.0070	.10850	-.01146	-.03665	.00490	-.00234	.00000	.00000
4.000	-1.454	-.06515	.10137	-.06434	.10188	-.01046	-.03474	.00451	-.00245	.00000	.00000
4.000	1.547	-.02165	.09850	-.02430	.09788	-.00991	-.03349	.00423	-.00272	.00000	.00000
4.000	3.581	.02426	.09466	.01830	.09599	-.00972	-.03132	.00348	-.00284	.00000	.00000
4.000	4.562	.04759	.09292	.04005	.09641	-.00986	-.03076	.00329	-.00297	.00000	.00000
4.000	5.578	.07417	.09129	.06495	.09807	-.00996	-.03043	.00319	-.00314	.00000	.00000
4.000	7.549	.12487	.08826	.11219	.10390	-.00982	-.02992	.00306	-.00337	.00000	.00000
4.000	9.570	.18036	.08610	.16353	.11489	-.01027	-.02863	.00254	-.00345	.00000	.00000
4.000	11.535	.23676	.08334	.21532	.12900	-.01084	-.02821	.00217	-.00359	.00000	.00000
4.000	12.633	.27020	.08283	.24554	.13992	-.01147	-.02729	.00172	-.00361	.00000	.00000
4.000	13.547	.29836	.08223	.27080	.14983	-.01230	-.02648	.00137	-.00358	.00000	.00000
4.000	14.566	.32083	.08167	.29966	.16225	-.01296	-.02544	.00102	-.00357	.00000	.00000
4.000	15.539	.36288	.08083	.32797	.17509	-.01383	-.02505	.00072	-.00367	.00000	.00000
4.000	16.563	.39674	.07996	.35749	.18974	-.01473	-.02425	.00037	-.00364	.00000	.00000
4.000	17.580	.43238	.07895	.38835	.20586	-.01598	-.02347	-.00005	-.00362	.00000	.00000
4.000	19.558	.50119	.07755	.44632	.24086	-.01842	-.02205	-.00097	-.00353	.00000	.00000
4.000	23.614	.65650	.07479	.57156	.33151	-.02478	-.01843	-.00308	-.00299	.00000	.00000
4.000	24.569	.69329	.07439	.59959	.35592	-.02612	-.01774	-.00334	-.00296	.00000	.00000
4.000	27.551	.81970	.07272	.69312	.44361	-.03200	-.01708	-.00354	-.00319	.00000	.00000
4.000	31.580	1.00050	.06891	.81627	.58266	-.04257	-.01763	-.00352	-.00329	.00000	.00000
	GRADIENT	.02195	-.00162	.02023	-.00172	.00023	.00085	-.00024	-.00009	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SO.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 85/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.334	-1.10158	.09910	-.09746	.10315	-.01505	-.03485	.00399	-.00210	.00000	.00000
4.500	-.365	-.06219	.09532	-.06158	.09571	-.01317	-.03312	.00350	-.00221	.00000	.00000
4.500	1.564	-.02001	.09159	-.02266	.09097	-.01168	-.03217	.00328	-.00251	.00000	.00000
4.500	3.602	.02283	.08736	.01729	.08862	-.01156	-.02931	.00250	-.00250	.00000	.00000
4.500	4.580	.04506	.08517	.03811	.08850	-.01163	-.02902	.00244	-.00261	.00000	.00000
4.500	5.610	.06912	.08372	.06061	.09007	-.01161	-.02873	.00238	-.00284	.00000	.00000
4.500	7.665	.11977	.08111	.10788	.09637	-.01119	-.02814	.00227	-.00303	.00000	.00000
4.500	9.633	.17091	.07845	.15537	.10594	-.01126	-.02638	.00170	-.00308	.00000	.00000
4.500	11.679	.22688	.07596	.20680	.12032	-.01182	-.02547	.00131	-.00329	.00000	.00000
4.500	12.650	.25518	.07454	.23266	.12862	-.01218	-.02515	.00119	-.00336	.00000	.00000
4.500	13.630	.28484	.07428	.25932	.13931	-.01287	-.02485	.00094	-.00341	.00000	.00000
4.500	14.561	.31371	.07405	.28502	.15054	-.01293	-.02440	.00077	-.00348	.00000	.00000
4.500	15.654	.34855	.07350	.31579	.16483	-.01343	-.02381	.00049	-.00353	.00000	.00000
4.500	16.629	.38111	.07279	.34434	.17881	-.01426	-.02324	.00022	-.00354	.00000	.00000
4.500	17.603	.41282	.07224	.37164	.19371	-.01516	-.02256	-.00011	-.00359	.00000	.00000
4.500	19.589	.48027	.07093	.42869	.22785	-.01763	-.02099	-.00098	-.00366	.00000	.00000
4.500	23.605	.62954	.06914	.54918	.31544	-.02454	-.01825	-.00265	-.00367	.00000	.00000
4.500	24.584	.66847	.06812	.57912	.34096	-.02654	-.01770	-.00287	-.00367	.00000	.00000
4.500	27.663	.79461	.06657	.67194	.42955	-.03330	-.01697	-.00325	-.00369	.00000	.00000
4.500	31.625	.97004	.06536	.79171	.56431	-.04504	-.01749	-.00301	-.00369	.00000	.00000
4.500	GRADIENT	.02122	-.00201	.01962	-.00210	.00049	.00087	-.00023	-.00007	.00000	.00000

LA131, MODEL 106-0, SILTS OFF. SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = -4.930

PARAMETRIC DATA

RUN NO. 19/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.459	-.11072	.13317	-.10491	.13780	.00852	-.00680	.00356	-.00192	.00000	.00000
2.500	-.419	-.04951	.13008	-.04855	.13044	.00416	-.00628	.00328	-.00177	.00000	.00000
2.500	1.544	.01034	.12817	.00688	.12840	.00040	-.00502	.00335	-.00175	.00000	.00000
2.500	3.614	.07213	.12515	.06410	.12945	-.00359	-.00529	.00326	-.00165	.00000	.00000
2.500	4.539	.10001	.12309	.08996	.13062	-.00548	-.00559	.00321	-.00163	.00000	.00000
2.500	5.528	.12977	.12016	.11759	.13210	-.00724	-.00533	.00326	-.00154	.00000	.00000
2.500	7.601	.19628	.11752	.17901	.14245	-.01012	-.00561	.00316	-.00157	.00000	.00000
2.500	9.553	.26309	.11515	.24033	.15721	-.01312	-.00477	.00312	-.00155	.00000	.00000
2.500	11.544	.33373	.11289	.30438	.17739	-.01701	-.00460	.00305	-.00143	.00000	.00000
2.500	12.624	.37277	.11173	.33934	.19050	-.01913	-.00427	.00307	-.00147	.00000	.00000
2.500	13.554	.40698	.11041	.36977	.20271	-.02120	-.00445	.00311	-.00140	.00000	.00000
2.500	14.604	.44570	.10911	.40379	.21796	-.02344	-.00479	.00307	-.00137	.00000	.00000
2.500	15.538	.47829	.10777	.43194	.23195	-.02524	-.00444	.00306	-.00137	.00000	.00000
2.500	16.554	.51722	.10691	.46533	.24985	-.02768	-.00393	.00314	-.00138	.00000	.00000
2.500	17.549	.55681	.10573	.49902	.26870	-.02983	-.00344	.00288	-.00124	.00000	.00000
2.500	19.619	.63401	.10273	.56271	.30964	-.03413	-.00206	.00215	-.00083	.00000	.00000
2.500	23.519	.79099	.09623	.68687	.40389	-.04536	-.00227	.00211	-.00076	.00000	.00000
2.500	24.588	.83604	.09455	.72089	.43384	-.04896	-.00092	.00175	-.00062	.00000	.00000
2.500	27.625	.96704	.08942	.81534	.52762	-.05943	-.00020	.00200	-.00053	.00000	.00000
2.500	31.631	1.14350	.08003	.93163	.66782	-.07108	-.00020	-.00004	-.00004	.00000	.00000
2.500	GRADIENT	.03013	-.00138	.02787	-.00091	-.00198	.00020	-.00004	.00004	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 49/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.358	-.10399	.11089	-.09933	.11508	-.01019	-.00266	.00278	-.00137	.00000	.00000
3.500	-3.359	-.05891	.10714	-.05823	.10751	-.00915	-.00216	.00263	-.00125	.00000	.00000
3.500	1.519	-.01172	.10485	-.01468	.10448	-.00839	-.00197	.00256	-.00115	.00000	.00000
3.500	3.706	.03874	.10162	.03209	.10391	-.00773	-.00193	.00254	-.00102	.00000	.00000
3.500	4.625	.06230	.09981	.05405	.10451	-.00795	-.00201	.00255	-.00103	.00000	.00000
3.500	5.653	.09036	.09752	.08032	.10594	-.00811	-.00209	.00256	-.00109	.00000	.00000
3.500	7.620	.14457	.09459	.13075	.11292	-.00850	-.00205	.00258	-.00106	.00000	.00000
3.500	9.598	.20137	.09137	.18332	.12366	-.00866	-.00280	.00274	-.00100	.00000	.00000
3.500	11.630	.26280	.08986	.23928	.14099	-.00850	-.00280	.00275	-.00095	.00000	.00000
3.500	12.729	.29717	.08914	.27023	.15243	-.01043	-.00265	.00268	-.00090	.00000	.00000
3.500	13.697	.32819	.08839	.29793	.16359	-.01139	-.00273	.00257	-.00080	.00000	.00000
3.500	14.645	.35896	.08774	.32512	.17564	-.01243	-.00238	.00249	-.00073	.00000	.00000
3.500	15.599	.39135	.08682	.35359	.18886	-.01369	-.00235	.00233	-.00069	.00000	.00000
3.500	16.590	.42496	.08608	.38269	.20383	-.01513	-.00193	.00220	-.00060	.00000	.00000
3.500	17.625	.45971	.08518	.41234	.22038	-.01667	-.00192	.00209	-.00058	.00000	.00000
3.500	19.644	.53212	.08293	.47327	.25699	-.02014	-.00126	.00199	-.00047	.00000	.00000
3.500	23.696	.68569	.07988	.59579	.34871	-.02737	-.00060	.00157	-.00020	.00000	.00000
3.500	24.683	.72575	.07962	.62619	.37542	-.02877	-.00028	.00149	-.00000	.00000	.00000
3.500	27.672	.85213	.07778	.71855	.46462	-.03404	.00037	.00106	-.00011	.00000	.00000
3.500	31.693	1.03630	.07143	.84422	.60522	-.04815	.00193	.00098	.00041	.00000	.00000
3.500	GRADIENT	.02382	-.00153	.02198	-.00143	.00034	.00009	-.00003	.00005	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A006) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

PARAMETRIC DATA

RUN NO. 67/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.462	-1.0719	.10462	-1.0260	.10913	-.01207	-.00335	.00287	-.00137	.00000	.00000
4.000	-.446	-.06426	.10048	-.06347	.10097	-.01142	-.00294	.00257	-.00120	.00000	.00000
4.000	1.580	.02057	.09757	-.02326	.09697	-.01085	-.00261	.00249	-.00111	.00000	.00000
4.000	3.604	.02390	.09476	.01790	.09607	-.01001	-.00235	.00238	-.00102	.00000	.00000
4.000	4.569	.04776	.09317	.04018	.09668	-.00970	-.00199	.00236	-.00100	.00000	.00000
4.000	5.630	.07430	.09135	.06497	.09820	-.00988	-.00220	.00235	-.00101	.00000	.00000
4.000	7.615	.12661	.08844	.11377	.10443	-.01036	-.00229	.00234	-.00094	.00000	.00000
4.000	9.575	.18041	.08580	.16362	.11462	-.01038	-.00258	.00243	-.00092	.00000	.00000
4.000	10.640	.21041	.08405	.19127	.12145	-.01041	-.00264	.00241	-.00088	.00000	.00000
4.000	11.617	.23896	.08377	.21720	.13017	-.01084	-.00272	.00239	-.00079	.00000	.00000
4.000	12.617	.26850	.08323	.24383	.13987	-.01126	-.00245	.00232	-.00070	.00000	.00000
4.000	13.566	.29826	.08245	.27060	.15011	-.01193	-.00241	.00227	-.00067	.00000	.00000
4.000	14.582	.33091	.08165	.29969	.16233	-.01289	-.00215	.00209	-.00054	.00000	.00000
4.000	15.599	.36420	.08076	.32907	.17572	-.01375	-.00177	.00192	-.00047	.00000	.00000
4.000	16.598	.39697	.07976	.35764	.18984	-.01505	-.00163	.00182	-.00038	.00000	.00000
4.000	17.555	.43053	.07900	.38665	.20517	-.01584	-.00161	.00180	-.00040	.00000	.00000
4.000	18.540	.46448	.07824	.41549	.22187	-.01728	-.00139	.00165	-.00027	.00000	.00000
4.000	23.567	.65334	.07509	.56882	.33005	-.02379	-.00017	.00123	-.00001	.00000	.00000
4.000	24.561	.69271	.07493	.59888	.35608	-.02507	-.00003	.00116	-.00003	.00000	.00000
4.000	27.575	.81936	.07359	.69222	.44452	-.03120	.00103	.00079	.00032	.00000	.00000
4.000	31.609	1.00080	.06809	.81661	.58251	-.04445	.00146	.00063	.00040	.00000	.00000
4.000	GRADIENT	.02193	-.00158	.02021	-.00171	.00034	-.00018	-.00007	.00005	.00000	.00000

DATE 25 JUN 80 (17A006) (24 JUN 80)

LAI31 (LARC UPWT 1299) LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

PARAMETRIC DATA

BETA = .000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = -4.930

REFERENCE DATA

SREF = 2690.000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 86/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.428	-1.0399	.09936	-.09368	.10367	-.01571	-.00327	.00269	-.00136	.00000	.00000
4.500	-.337	-.06062	.09442	-.06006	.09478	-.01406	-.00278	.00239	-.00115	.00000	.00000
4.500	1.589	-.01876	.09061	-.02142	.09002	-.01275	-.00255	.00218	-.00104	.00000	.00000
4.500	3.692	.02376	.08721	.01809	.08856	-.01143	-.00251	.00210	-.00091	.00000	.00000
4.500	4.602	.04468	.08533	.03769	.08864	-.01139	-.00263	.00215	-.00087	.00000	.00000
4.500	5.624	.06883	.08314	.05036	.08948	-.01144	-.00235	.00209	-.00086	.00000	.00000
4.500	7.651	.11958	.08076	.10776	.09596	-.01153	-.00219	.00209	-.00077	.00000	.00000
4.500	9.638	.17080	.07834	.15527	.10583	-.01139	-.00232	.00200	-.00075	.00000	.00000
4.500	11.647	.22554	.07530	.20569	.11928	-.01154	-.00288	.00217	-.00079	.00000	.00000
4.500	12.641	.25434	.07458	.23185	.12843	-.01199	-.00256	.00208	-.00070	.00000	.00000
4.500	13.619	.28360	.07414	.25817	.13883	-.01228	-.00237	.00206	-.00067	.00000	.00000
4.500	14.605	.31434	.07356	.28563	.15044	-.01258	-.00206	.00194	-.00058	.00000	.00000
4.500	15.588	.34501	.07287	.31274	.16290	-.01367	-.00190	.00174	-.00047	.00000	.00000
4.500	16.617	.37895	.07229	.34245	.17764	-.01445	-.00187	.00157	-.00035	.00000	.00000
4.500	17.600	.41181	.07188	.37080	.19304	-.01531	-.00145	.00149	-.00024	.00000	.00000
4.500	19.602	.48011	.07101	.42846	.22797	-.01775	-.00118	.00126	-.00014	.00000	.00000
4.500	23.656	.63122	.06919	.55042	.31664	-.02408	-.00008	.00069	.00023	.00000	.00000
4.500	24.603	.66800	.06936	.57848	.34118	-.02582	-.00006	.00068	.00023	.00000	.00000
4.500	27.605	.79016	.06856	.66845	.42689	-.03200	.00053	.00048	.00042	.00000	.00000
4.500	31.599	.96650	.06434	.78949	.56122	-.04555	.00086	.00031	.00059	.00000	.00000
4.500	GRADIENT	.02107	-.00195	.01947	-.00207	.00063	.00009	-.00008	.00007	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAGE 19

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A007) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 20/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.10811	.12107	.09802	.12937	-.01137	.10662	-.00983	.00766	.00000	.00000
2.500	-4.000	.10568	.12255	.09548	.13065	-.00816	.06800	-.00280	.00484	.00000	.00000
2.500	-3.011	.10439	.12292	.09417	.13092	-.00729	.05114	-.00188	.00366	.00000	.00000
2.500	-1.985	.10268	.12294	.09246	.13079	-.00673	.03151	-.00073	.00218	.00000	.00000
2.500	-1.021	.10323	.12264	.09304	.13053	-.00618	.01579	-.00029	.00113	.00000	.00000
2.500	-.019	.10243	.12191	.09233	.12973	-.00612	-.00035	.00008	.00024	.00000	.00000
2.500	.965	.10333	.12312	.09310	.13103	-.00663	-.01479	.00039	-.00082	.00000	.00000
2.500	1.968	.10243	.12375	.09214	.13159	-.00717	-.03106	.00086	-.00191	.00000	.00000
2.500	2.970	.10344	.12391	.09312	.13184	-.00813	-.04959	.00208	-.00339	.00000	.00000
2.500	3.992	.10377	.12385	.09347	.13181	-.00915	-.06784	.00318	-.00461	.00000	.00000
2.500	6.013	.10710	.12257	.09680	.13078	-.01279	-.10637	.00614	-.00734	.00000	.00000
GRADIENT		-.00018	.00017	-.00020	.00016	-.00013	-.01674	.00065	-.00116	.00000	.00000

RUN NO. 50/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.06793	.09840	.05976	.10356	-.01212	.05968	-.00514	.00769	.00000	.00000
3.500	-4.000	.06624	.09892	.05803	.10395	-.01075	.06398	-.00265	.00496	.00000	.00000
3.500	-2.992	.06480	.09900	.05658	.10392	-.00966	.04741	-.00170	.00372	.00000	.00000
3.500	-1.985	.06470	.09880	.05650	.10371	-.00926	.03153	-.00083	.00253	.00000	.00000
3.500	-1.002	.06362	.09913	.05539	.10396	-.00834	.01653	-.00036	.00147	.00000	.00000
3.500	.000	.06318	.09939	.05493	.10418	-.00820	.00130	-.00000	.00036	.00000	.00000
3.500	.984	.06269	.09985	.05440	.10460	-.00843	-.01267	.00036	-.00073	.00000	.00000
3.500	1.987	.06397	.09951	.05570	.10436	-.00935	-.02747	.00084	-.00177	.00000	.00000
3.500	2.988	.06447	.09982	.05617	.10472	-.00986	-.04364	.00171	-.00301	.00000	.00000
3.500	4.011	.06495	.10002	.05664	.10495	-.01085	-.06023	.00273	-.00427	.00000	.00000
3.500	6.013	.06659	.10001	.05828	.10507	-.01293	-.09468	.00527	-.00689	.00000	.00000
GRADIENT		-.00014	.00015	-.00016	.00014	-.00002	-.01531	.00060	-.00113	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 5.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 68/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 MACH 4.000 BETA -6.001 CN .05208 CA .09269 CL .04448 CD .09657 CLM -.01340 CY .09313 CYN -.00413 CBL .00692 AILRON .00000
 4.000 -3.981 .05070 .09248 .04313 .09624 -.01241 .06035 .00444 .00000
 4.000 -2.992 .04947 .09244 .04191 .09244 .01137 .04563 .00334 .00000
 4.000 -1.985 .04904 .09245 .04147 .09245 .01099 .03048 .00077 .00000
 4.000 -1.002 .04781 .09270 .04022 .09624 .01030 .01574 .00027 .00000
 4.000 .000 .04779 .09318 .04017 .09672 .01017 .00168 .00030 .00000
 4.000 .984 .04811 .09344 .04046 .09700 .01023 .00158 .00048 .00000
 4.000 2.006 .04875 .09297 .04114 .09658 .01119 .02666 .00089 .00000
 4.000 2.988 .04900 .09314 .04137 .09677 .01174 .04194 .00160 .00000
 4.000 4.011 .04963 .09340 .04199 .09707 .01217 .05711 .00230 .00000
 4.000 6.013 .05165 .09408 .04395 .09792 .01379 .08900 .00417 .00000
 GRADIENT -.00010 .00013 -.00011 -.00012 -.00001 -.01461 .00052 .00052 .00052 .00000

REFERENCE DATA

RUN NO. 87/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 MACH 4.500 BETA -6.001 CN .04900 CA .08549 CL .04190 CD .08919 CLM -.01450 CY .08657 CYN -.00274 CBL .00617 AILRON .00000
 4.500 -4.000 .04800 .08458 .04097 .08820 .01357 .05631 .00414 .00000
 4.500 -2.992 .04704 .08449 .04002 .08803 .01266 .04145 .00087 .00000
 4.500 -1.985 .04701 .08458 .03999 .08812 .01226 .02755 .00038 .00000
 4.500 -1.002 .04557 .08495 .03852 .08837 .01162 .01391 .00002 .00000
 4.500 .000 .04599 .08501 .03894 .08846 .01180 .00049 .00008 .00000
 4.500 .984 .04596 .08525 .03888 .08870 .01187 .02494 .00037 .00000
 4.500 1.987 .04677 .08499 .03972 .08851 .01266 .01156 .00005 .00000
 4.500 2.970 .04710 .08503 .04004 .08857 .01341 .03899 .00082 .00000
 4.500 3.992 .04698 .08525 .03991 .08878 .01388 .05358 .00140 .00000
 4.500 6.013 .04816 .08653 .04038 .09015 .01483 .08355 .00290 .00000
 GRADIENT -.00007 .00009 -.00007 -.00008 -.00008 -.01357 .00030 .00030 .00030 .00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A008) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 21/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.27244	.11441	.24948	.15835	-.01931	.09835	-.00213	.00950	.00000	.00000
2.500	-4.000	.26852	.11579	.24539	.15904	-.01625	.06318	-.00043	.00575	.00000	.00000
2.500	-2.992	.26727	.11525	.24426	.15829	-.01562	.04755	-.00041	.00443	.00000	.00000
2.500	-1.985	.26643	.11425	.24359	.15716	-.01497	.03180	-.00020	.00300	.00000	.00000
2.500	-1.002	.26496	.11429	.24215	.15694	-.01429	.01579	.00008	.00156	.00000	.00000
2.500	-.019	.26498	.11472	.24210	.15736	-.01424	.00049	.00006	.00003	.00000	.00000
2.500	.984	.26529	.11488	.24237	.15758	-.01442	-.01343	.00010	-.00117	.00000	.00000
2.500	1.968	.26624	.11525	.24324	.15811	-.01523	-.03052	.00045	-.00264	.00000	.00000
2.500	2.970	.26629	.11620	.24313	.15907	-.01578	-.04589	.00057	-.00392	.00000	.00000
2.500	4.011	.26759	.11654	.24432	.15966	-.01662	-.06202	.00072	-.00537	.00000	.00000
2.500	5.995	.27101	.11556	.24784	.15931	-.01943	-.09746	.00254	-.00912	.00000	.00000
2.500	GRADIENT	-.00011	.00014	-.00014	.00012	-.00004	-.01563	.00015	-.00140	.00000	.00000

RUN NO. 51/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-5.982	.20606	.09134	.18777	.12469	-.01355	.09204	-.00352	.00992	.00000	.00000
3.500	-4.000	.20476	.09183	.18641	.12495	-.01140	.05897	-.00140	.00621	.00000	.00000
3.500	-2.992	.20440	.09170	.18608	.12475	-.01033	.04306	-.00026	.00435	.00000	.00000
3.500	-1.985	.20368	.09143	.18542	.12435	-.00979	.02939	-.00025	.00310	.00000	.00000
3.500	-1.002	.20389	.09130	.18566	.12426	-.00927	.01523	.00006	.00176	.00000	.00000
3.500	.000	.20432	.03106	.18612	.12409	-.00936	.00134	.00015	.00037	.00000	.00000
3.500	.984	.20413	.09122	.18591	.12420	-.00934	-.01286	.00020	-.00100	.00000	.00000
3.500	2.006	.20425	.09142	.18600	.12442	-.00976	-.02692	.00054	-.00237	.00000	.00000
3.500	2.970	.20445	.09189	.18610	.12493	-.01013	-.04062	.00057	-.00360	.00000	.00000
3.500	4.011	.20564	.09210	.18724	.12535	-.01105	-.05662	.00158	-.00540	.00000	.00000
3.500	6.013	.20745	.09342	.18875	.12703	-.01369	-.09906	.00374	-.00920	.00000	.00000
3.500	GRADIENT	.00008	.00003	.00008	.00004	.00003	-.01426	.00027	-.00140	.00000	.00000

LA131 MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 69/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00		AILRON					
MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.12418	.08636	.16715	.11595	-.01426	.08844	-.00298	.00944	.00000	.00000
4.000	-4.019	.18363	.08628	.16661	.11577	-.01305	.05759	-.00150	.00623	.00000	.00000
4.000	-3.911	.18288	.08606	.16591	.11543	-.01231	.04186	-.00028	.00432	.00000	.00000
4.000	-1.985	.16273	.08580	.16582	.11513	-.01143	.02773	.00005	.00290	.00000	.00000
4.000	-1.021	.18186	.08563	.16500	.11481	-.01092	.01517	.00017	.00167	.00000	.00000
4.000	.000	.18083	.08547	.16405	.11442	-.01074	.00109	.00016	.00034	.00000	.00000
4.000	.965	.18063	.08582	.16378	.11475	-.01086	-.01115	.00011	-.00086	.00000	.00000
4.000	1.968	.18160	.08670	.16457	.11582	-.01155	-.02418	.00025	-.00214	.00000	.00000
4.000	2.970	.18210	.08596	.16500	.11617	-.01202	-.03832	.00058	-.00358	.00000	.00000
4.000	3.992	.18280	.08749	.16559	.11683	-.01305	-.05442	.00175	-.00544	.00000	.00000
4.000	6.013	.18402	.08798	.16670	.11754	-.01456	-.08479	.00324	-.00868	.00000	.00000
GRADIENT		-.00015	.00016	-.00018	.00013	.00001	-.01368	.00027	-.00139	.00000	.00000

RUN NO. 88/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00		AILRON					
MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.17153	.07891	.15590	.10651	-.01352	.08148	-.00176	.00857	.00000	.00000
4.500	-3.981	.17160	.07822	.15608	.10584	-.01313	.05283	-.00110	.00587	.00000	.00000
4.500	-3.011	.17126	.07821	.15575	.10578	-.01299	.03861	-.00016	.00423	.00000	.00000
4.500	-.985	.17056	.07832	.15504	.10577	-.01254	.02462	.00043	.00271	.00000	.00000
4.500	-1.002	.16390	.07834	.15438	.10568	-.01207	.01232	.00038	.00142	.00000	.00000
4.500	-.019	.17025	.07835	.15472	.10574	-.01206	.00053	-.00000	-.00068	.00000	.00000
4.500	.984	.16958	.07834	.15408	.10563	-.01271	-.01016	-.00040	-.00068	.00000	.00000
4.500	1.987	.17030	.07833	.15478	.10573	-.01231	-.02243	-.00028	-.00195	.00000	.00000
4.500	3.007	.17041	.07868	.15483	.10609	-.01323	-.03683	.00040	-.00354	.00000	.00000
4.500	4.011	.17051	.07902	.15488	.10644	-.01358	-.05105	.00134	-.00514	.00000	.00000
4.500	6.013	.17055	.07963	.15482	.10706	-.01415	-.07831	.00208	-.00774	.00000	.00000
GRADIENT		-.00013	.00008	-.00014	.00005	.00005	-.01265	.00015	-.00131	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

RUN NO. 22/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CLM	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.44742	.10728	.40606	-.03008	.09311	.21636	-.03008	.09311	.00141	.01131	.00000	.00000
2.500	-4.000	.44434	.10970	.40245	-.02656	.05688	.21796	-.02656	.05688	.00289	.00672	.00000	.00000
2.500	-3.011	.44434	.11008	.40235	-.02503	.04375	.21835	-.02503	.04375	.00178	.00325	.00000	.00000
2.500	-1.985	.44496	.10975	.40303	-.02494	.02899	.2181E	-.02494	.02899	.00105	.00171	.00000	.00000
2.500	-1.002	.44332	.10878	.40168	-.02444	.01452	.21683	-.02444	.01452	.00026	.00014	.00000	.00000
2.500	-.019	.44416	.10894	.40245	-.02430	.00107	.21720	-.02430	.00107	-.00043	-.00139	.00000	.00000
2.500	.965	.44466	.10869	.40299	-.02431	-.01284	.21710	-.02431	-.01284	-.00301	-.00481	.00000	.00000
2.500	1.987	.44512	.10955	.40322	-.02476	-.02721	.21804	-.02476	-.02721	-.00156	-.00633	.00000	.00000
2.500	2.988	.44467	.11030	.40260	-.02501	-.04160	.21865	-.02501	-.04160	-.00240	-.01078	.00000	.00000
2.500	3.992	.44626	.11016	.40418	-.02597	-.05531	.21892	-.02597	-.05531	-.00110	-.00163	.00000	.00000
2.500	6.013	.44725	.10768	.40580	-.02947	-.09113	.21668	-.02947	-.09113	-.00067	-.00163	.00000	.00000
2.500	GRADIENT	.00017	.00003	.00016	.00005	-.01411	.00008	.00005	-.01411				

RUN NO. 52/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CLM	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.35733	.08695	.32383	-.01629	.08604	.17430	-.01629	.08604	-.00004	.01164	.00000	.00000
3.500	-4.000	.35812	.08714	.32453	-.01488	.05685	.17469	-.01488	.05685	.00040	.00782	.00000	.00000
3.500	-3.011	.35841	.08771	.32467	-.01430	.04073	.17532	-.01430	.04073	.00105	.00549	.00000	.00000
3.500	-1.985	.35781	.08822	.32397	-.01350	.02659	.17566	-.01350	.02659	.00134	.00350	.00000	.00000
3.500	-1.002	.35771	.08910	.32391	-.01353	.01397	.17551	-.01353	.01397	.00060	.00197	.00000	.00000
3.500	-.019	.35767	.08803	.32388	-.01301	.00149	.17543	-.01301	.00149	.00018	.00050	.00000	.00000
3.500	.965	.35886	.08786	.32508	-.01336	-.01120	.17557	-.01336	-.01120	-.00031	-.00050	.00000	.00000
3.500	1.968	.35824	.08798	.32446	-.01331	-.02378	.17551	-.01331	-.02378	-.00065	-.00260	.00000	.00000
3.500	2.988	.35773	.08764	.32406	-.01368	-.03734	.17504	-.01368	-.03734	-.00075	-.00446	.00000	.00000
3.500	4.011	.35851	.08704	.32496	-.01456	-.05314	.17466	-.01456	-.05314	-.00008	-.00679	.00000	.00000
3.500	6.013	.35888	.08713	.32529	-.01618	-.08316	.17485	-.01618	-.08316	-.00052	-.01077	.00000	.00000
3.500	GRADIENT	.00003	-.00002	.00003	.00005	-.01335	-.00002	.00005	-.01335				

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A009) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 70/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-6.001	.33043	.08206	.29911	.16264	-.01591	.08177	.00093	.01090	.00000	.00000
4.000	-4.000	.33060	.08183	.29934	.16246	-.01511	.05372	.00043	.00746	.00000	.00000
4.000	-2.992	.33113	.08181	.29985	.16257	-.01492	.03964	.00083	.00560	.00000	.00000
4.000	-1.985	.33055	.08206	.29923	.16266	-.01447	.02531	.00128	.00357	.00000	.00000
4.000	-1.021	.33127	.08222	.29988	.16301	-.01394	.01407	.00066	.00219	.00000	.00000
4.000	.000	.33124	.08216	.29986	.16294	-.01359	.00167	.00007	.00057	.00000	.00000
4.000	.965	.33139	.08215	.30001	.16296	-.01386	-.01012	-.00029	-.00106	.00000	.00000
4.000	1.968	.33159	.08228	.30018	.16314	-.01416	-.02195	-.00088	-.00256	.00000	.00000
4.000	2.970	.33139	.08209	.30004	.16291	-.01450	-.03605	-.00049	-.00445	.00000	.00000
4.000	3.992	.33155	.08196	.30020	.16285	-.01468	-.05126	.00006	-.00657	.00000	.00000
4.000	6.013	.33248	.08214	.30105	.16328	-.01553	-.07873	-.00025	-.01002	.00000	.00000
	GRADIENT	.00011	.00003	.00010	.00006	.00006	-.01282	-.00018	-.00170	.00000	.00000

RUN NO. 89/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-6.001	.31419	.07487	.28508	.15182	-.01436	.07457	.00148	.01000	.00000	.00000
4.500	-4.000	.31368	.07400	.28481	.15085	-.01381	.04896	.00071	.00700	.00000	.00000
4.500	-3.011	.31373	.07384	.28491	.15070	-.01394	.03630	.00082	.00526	.00000	.00000
4.500	-1.985	.31329	.07360	.28454	.15034	-.01399	.02260	.00128	.00325	.00000	.00000
4.500	-1.002	.31334	.07345	.28463	.15020	-.01388	.01076	.00122	.00156	.00000	.00000
4.500	-.019	.31412	.07369	.28533	.15064	-.01342	.00070	.00024	.00034	.00000	.00000
4.500	.965	.31387	.07402	.28500	.15087	-.01385	-.00935	-.00064	-.00090	.00000	.00000
4.500	2.005	.31449	.07394	.28553	.15097	-.01414	-.02150	-.00082	-.00256	.00000	.00000
4.500	2.970	.31445	.07394	.28558	.15096	-.01430	-.03395	-.00034	-.00444	.00000	.00000
4.500	4.011	.31403	.07404	.28515	.15095	-.01479	-.04786	-.00022	-.00624	.00000	.00000
4.500	6.013	.31389	.07481	.28481	.15167	-.01527	-.07206	-.00077	-.00916	.00000	.00000
	GRADIENT	.00011	.00003	.00010	.00005	-.00009	-.01179	-.00022	-.00160	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

LA131.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A010) (24 JUN 80)

REFERENCE DATA

MACH = 2.500
 SREF = 2690.0000 SQ. IN.
 LREF = 474.8100 INCHES
 BREF = 936.6800 INCHES
 SCALE = .0200

XMRP = 1076.7000 IN. XO
 YMRP = .0000 IN. YO
 ZMRP = 375.0000 IN. ZO

ALPHA = 15.000
 AILRON = .000
 SPOBRK = 55.000

ELEVON = .000
 BDFLAP = .000
 RUDDER = -4.930

PARAMETRIC DATA

MACH	BETA	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.44825	.10650	.40703	.21586	-.03165	.08837	.00390	.00985	.00000	.00000
2.500	-4.019	.44747	.10950	.40550	.21862	-.02717	.05231	.00575	.00509	.00000	.00000
2.500	-3.011	.44462	.10994	.40263	.21832	-.02555	.03983	.00509	.00340	.00000	.00000
2.500	-1.985	.44593	.10965	.40396	.21838	-.02523	.02394	.00458	.00170	.00000	.00000
2.500	-1.021	.44473	.10904	.40294	.21750	-.02418	.00949	.00394	.00002	.00000	.00000
2.500	.000	.44514	.10933	.40326	.21789	-.02369	.00443	.00311	-.00156	.00000	.00000
2.500	.965	.44469	.10941	.40281	.21787	-.02346	-.01833	.00250	-.00303	.00000	.00000
2.500	1.968	.44468	.11036	.40257	.21877	-.02358	-.03196	.00176	-.00458	.00000	.00000
2.500	2.970	.44416	.11125	.40185	.21949	-.02355	-.04651	.00127	-.00636	.00000	.00000
2.500	4.011	.44480	.11103	.40254	.21941	-.02454	-.06055	.00022	-.00788	.00000	.00000
2.500	6.013	.44602	.10912	.40422	.21783	-.02728	-.09512	.00133	-.01222	.00000	.00000
2.500	GRADIENT	-.00024	.00020	-.00028	.00013	.00034	-.01413	-.00068	-.00161	.00000	.00000

RUN NO. 23/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 53/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.35888	.08602	.32556	.17380	-.01778	.08300	.00171	.01058	.00000	.00000
3.500	-4.000	.35824	.08645	.32483	.17405	-.01612	.05221	.00242	.00651	.00000	.00000
3.500	-3.011	.35774	.08735	.32412	.17480	-.01503	.03670	.00313	.00427	.00000	.00000
3.500	-1.985	.35812	.08823	.32427	.17574	-.01382	.02261	.00350	.00217	.00000	.00000
3.500	-1.002	.35769	.08832	.32383	.17572	-.01334	.01010	.00287	.00071	.00000	.00000
3.500	-.019	.35735	.08842	.32347	.17573	-.01271	-.00259	.00246	-.00083	.00000	.00000
3.500	.965	.35849	.08844	.32457	.17604	-.01258	-.01518	.00199	-.00235	.00000	.00000
3.500	1.987	.35757	.08871	.32362	.17606	-.01234	-.02756	.00157	-.00382	.00000	.00000
3.500	2.970	.35735	.08863	.32342	.17593	-.01261	-.04101	.00141	-.00570	.00000	.00000
3.500	4.011	.35791	.08841	.32401	.17588	-.01282	-.05559	.00214	-.00786	.00000	.00000
3.500	5.995	.35798	.08889	.32396	.17635	-.01400	-.08597	.00238	-.01179	.00000	.00000
3.500	GRADIENT	-.00005	.00021	-.00010	.00019	.00040	-.01319	-.00018	-.00171	.00000	.00000

RUN NO. 53/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

(17A010) (24 JUN 80)

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = -4.930
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 71/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.33126	.08125	.30008	.16213	-.01745	.07893	.00241	.00999	.00000	.00000
4.000	-4.019	.33223	.08135	.30100	.16247	-.01626	.05068	.00218	.00648	.00000	.00000
4.000	-3.011	.33223	.08170	.30090	.16281	-.01571	.03614	.00267	.00451	.00000	.00000
4.000	-1.985	.33106	.08225	.29964	.16303	-.01472	.02229	.00317	.00255	.00000	.00000
4.000	-1.021	.33097	.08249	.29949	.16326	-.01407	.01058	.00258	.00111	.00000	.00000
4.000	-.019	.33096	.08269	.29943	.16345	-.01315	-.00215	.00209	-.00060	.00000	.00000
4.000	.965	.33154	.08276	.29997	.16366	-.01321	-.01395	.00164	-.00222	.00000	.00000
4.000	1.987	.33111	.08300	.29949	.16378	-.01329	-.02531	.00107	-.00368	.00000	.00000
4.000	2.988	.33149	.08324	.29980	.16412	-.01331	-.03908	.00135	-.00551	.00000	.00000
4.000	4.011	.33144	.08341	.29970	.16428	-.01307	-.05420	.00184	-.00759	.00000	.00000
4.000	6.013	.33114	.08374	.29933	.16453	-.01366	-.08090	.00125	-.01085	.00000	.00000
	GRADIENT	-.00008	.00024	-.00014	.00022	.00039	-.01274	-.00017	-.00170	.00000	.00000

RUN NO. 90/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.31430	.07421	.28534	.15124	-.01580	.07243	.00271	.00933	.00000	.00000
4.500	-4.000	.31425	.07355	.28546	.15058	-.01481	.04671	.00217	.00619	.00000	.00000
4.500	-3.011	.31430	.07358	.28550	.15062	-.01490	.03380	.00237	.00437	.00000	.00000
4.500	-1.985	.31433	.07364	.28553	.15067	-.01415	.01983	.00288	.00231	.00000	.00000
4.500	-1.002	.31305	.07389	.28423	.15058	-.01378	.00771	.00286	.00063	.00000	.00000
4.500	-.019	.31336	.07424	.28444	.15101	-.01319	-.00234	.00190	-.00063	.00000	.00000
4.500	1.004	.31453	.07473	.28544	.15177	-.01347	-.01212	.00098	-.00181	.00000	.00000
4.500	1.968	.31420	.07485	.28509	.15181	-.01339	-.02331	.00074	-.00335	.00000	.00000
4.500	3.007	.31427	.07506	.28510	.15205	-.01317	-.03702	.00118	-.00532	.00000	.00000
4.500	4.011	.31389	.07528	.28468	.15215	-.01330	-.04998	.00107	-.00703	.00000	.00000
4.500	5.995	.31322	.07632	.28376	.15300	-.01365	-.07419	.00044	-.00989	.00000	.00000
	GRADIENT	-.00000	.00024	-.00007	.00023	.00022	-.01176	-.00024	-.00159	.00000	.00000

DATE 25 JUN 80

LAI131 (LARC UPWT 1299)

PAGE 27

LAI131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A011) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 55.000 RUDDER = .000

PARAMETRIC DATA

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.63774	.09787	.56805	.30597	-.04175	.08514	.00712	.01210	.00000	.00000
2.500	-4.000	.63523	.09985	.56501	.30700	-.03900	.05160	.00677	.00732	.00000	.00000
2.500	-2.992	.63403	.10080	.56355	.30751	-.03675	.03695	.00592	.00525	.00000	.00000
2.500	-2.004	.63305	.10185	.56220	.30833	-.03525	.02414	.00425	.00349	.00000	.00000
2.500	-1.021	.63231	.10219	.56142	.30833	-.03467	.01209	.00233	.00183	.00000	.00000
2.500	-.019	.63390	.10233	.56284	.30905	-.03467	.00093	.00018	.00016	.00000	.00000
2.500	.984	.63301	.10216	.56209	.30852	-.03489	-.01014	-.00178	-.00140	.00000	.00000
2.500	1.987	.63360	.10204	.56268	.30862	-.03545	-.02199	-.00373	-.00303	.00000	.00000
2.500	2.970	.63392	.10072	.56345	.30745	-.03654	-.03412	-.00562	-.00460	.00000	.00000
2.500	4.011	.63495	.09891	.56502	.30610	-.03821	-.04843	-.00668	-.00675	.00000	.00000
2.500	6.013	.63609	.09757	.56660	.30510	-.04066	-.08218	-.00710	-.01148	.00000	.00000
2.500	GRADIENT	.00001	-.00006	.00002	-.00005	.00005	-.01215	-.00181	-.00170	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.53126	.08188	.47281	.25571	-.02408	.07905	.00437	.01214	.00000	.00000
3.500	-4.000	.53238	.08177	.47390	.25599	-.02325	.05118	.00361	.00791	.00000	.00000
3.500	-2.992	.53239	.08202	.47382	.25625	-.02271	.03689	.00340	.00566	.00000	.00000
3.500	-1.985	.53213	.08278	.47331	.25689	-.02126	.02341	.00293	.00360	.00000	.00000
3.500	-1.002	.53118	.08302	.47234	.25679	-.02079	.01238	.00160	.00203	.00000	.00000
3.500	-.019	.53102	.08271	.47229	.25644	-.02083	.00142	.00006	.00047	.00000	.00000
3.500	.984	.53077	.08300	.47196	.25662	-.02074	-.00910	-.00129	-.00100	.00000	.00000
3.500	2.006	.53194	.08285	.47311	.25688	-.02106	-.02027	-.00278	-.00256	.00000	.00000
3.500	2.970	.53169	.08210	.47315	.25605	-.02236	-.03323	-.00315	-.00459	.00000	.00000
3.500	4.011	.53216	.08183	.47368	.25597	-.02309	-.04781	-.00329	-.00686	.00000	.00000
3.500	6.013	.53108	.08185	.47266	.25560	-.02346	-.07598	-.00396	-.01108	.00000	.00000
3.500	GRADIENT	-.00006	.00001	-.00006	-.00001	.00004	-.01194	-.00103	-.00176	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 72/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.50247	.07814	.44708	.24228	-.02143	.07503	.00514	-.01137	.00000	.00000
4.000	-4.000	.50325	.07766	.44799	.24208	-.02087	.04928	.00346	.00808	.00000	.00000
4.000	-3.011	.50302	.07768	.44776	.24202	-.02047	.03637	.00309	.00611	.00000	.00000
4.000	-1.985	.50319	.07837	.44768	.24275	-.01936	.02311	.00275	.00396	.00000	.00000
4.000	-1.115	.50249	.07823	.44708	.24235	-.01900	.01345	.00180	.00245	.00000	.00000
4.000	.000	.50208	.07768	.44688	.24169	-.01928	.00160	.00007	.00063	.00000	.00000
4.000	.965	.50215	.07808	.44681	.24210	-.01894	-.00846	-.00129	-.00095	.00000	.00000
4.000	1.968	.50217	.07815	.44681	.24216	-.01898	-.01895	-.00237	-.00261	.00000	.00000
4.000	2.970	.50292	.07749	.44774	.24180	-.01998	-.03233	-.00273	-.00484	.00000	.00000
4.000	4.011	.50279	.07739	.44765	.24165	-.02053	-.04592	-.00316	-.00688	.00000	.00000
4.000	6.013	.50224	.07822	.44686	.24224	-.02111	-.07176	-.00466	-.01026	.00000	.00000
4.000	GRADIENT	-.00007	-.00004	-.00006	-.00006	.00006	-.01155	-.00096	-.00182	.00000	.00000

RUN NO. 91/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.48072	.07246	.42838	.22987	-.01903	.06806	.00491	-.01086	.00000	.00000
4.500	-4.000	.48003	.07087	.42826	.22814	-.01865	.04496	.00318	.00766	.00000	.00000
4.500	-3.011	.48057	.07094	.42875	.22838	-.01857	.03324	.00280	.00574	.00000	.00000
4.500	-1.985	.48056	.07129	.42862	.22870	-.01847	.02067	.00241	.00373	.00000	.00000
4.500	-1.002	.47974	.07147	.42779	.22858	-.01826	.01119	.00138	.00215	.00000	.00000
4.500	.000	.47935	.07116	.42754	.22815	-.01861	.00071	.00018	.00048	.00000	.00000
4.500	.984	.47950	.07134	.42763	.22836	-.01842	-.00839	-.00101	-.00103	.00000	.00000
4.500	1.987	.48006	.07139	.42813	.22860	-.01859	-.01842	-.00202	-.00265	.00000	.00000
4.500	2.988	.48034	.07113	.42849	.22844	-.01914	-.03014	-.00236	-.00463	.00000	.00000
4.500	4.011	.48058	.07124	.42867	.22863	-.01915	-.04268	-.00272	-.00665	.00000	.00000
4.500	6.013	.48024	.07235	.42797	.22957	-.01964	-.06546	-.00441	-.00986	.00000	.00000
4.500	GRADIENT	.00000	.00004	-.00000	.00003	-.00007	-.01065	-.00084	-.00174	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 55.000 BETA = .000
 SCALE = .0200

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 29/ 0 RN/L = 2.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.218	.26243	.11798	.23909	.16007	-.01012	-.01324	.08805	-.00439	.00000	.00000
2.500	-11.676	.26254	.11729	.23932	.15939	-.01105	-.01224	.00713	-.00393	.00000	.00000
2.500	-9.968	.26157	.11656	.23850	.15850	-.01190	-.01020	.00509	-.00320	.00000	.00000
2.500	-8.277	.26371	.11604	.24069	.15835	-.01260	-.00867	.00405	-.00281	.00000	.00000
2.500	-6.509	.26518	.11541	.24225	.15798	-.01324	-.00637	.00303	-.00217	.00000	.00000
2.500	-4.936	.26526	.11511	.24238	.15769	-.01362	-.00478	.00204	-.00157	.00000	.00000
2.500	-3.299	.26423	.11494	.24139	.15733	-.01386	-.00296	.00109	-.00091	.00000	.00000
2.500	-1.839	.26380	.11477	.24100	.15710	-.01412	-.00157	.00065	-.00048	.00000	.00000
2.500	-.892	.26450	.11465	.24172	.15694	-.01422	-.00064	.00020	-.00025	.00000	.00000
2.500	.020	.26348	.11467	.24071	.15694	-.01418	.00004	.00050	-.00009	.00000	.00000
2.500	.872	.26406	.11462	.24129	.15700	-.01405	.00129	-.00064	.00050	.00000	.00000
2.500	1.677	.26428	.11467	.24149	.15709	-.01407	.00199	-.00103	.00077	.00000	.00000
2.500	GRADIENT	-.00014	-.00007	-.00012	-.00009	-.00007	.00101	-.00061	.00035	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 63/ 0 RN/L = 2.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.276	.20365	.09472	.18480	.12764	-.00576	-.01008	.00694	-.00343	.00000	.00000
3.500	-11.738	.20405	.09397	.18533	.12696	-.00671	-.00875	.00625	-.00299	.00000	.00000
3.500	-9.860	.20411	.09323	.18552	.12624	-.00750	-.00755	.00535	-.00255	.00000	.00000
3.500	-8.293	.20493	.09272	.18541	.12587	-.00817	-.00623	.00454	-.00211	.00000	.00000
3.500	-6.637	.20509	.09216	.18667	.12534	-.00876	-.00450	.00369	-.00163	.00000	.00000
3.500	-4.959	.20522	.09171	.18688	.12491	-.00917	-.00280	.00273	-.00105	.00000	.00000
3.500	-3.257	.20467	.09151	.18637	.12461	-.00946	-.00138	.00186	-.00056	.00000	.00000
3.500	-1.817	.20558	.09133	.18730	.12459	-.00960	-.00015	.00118	-.00020	.00000	.00000
3.500	-.916	.20524	.09122	.18698	.12443	-.00970	.00061	.00071	.00006	.00000	.00000
3.500	-.012	.20546	.09128	.18670	.12444	-.00971	.00146	.00021	.00037	.00000	.00000
3.500	.847	.20548	.09122	.18670	.12447	-.00965	.00259	-.00045	.00076	.00000	.00000
3.500	1.648	.20523	.09131	.18696	.12451	-.00963	.00305	-.00080	.00093	.00000	.00000
3.500	GRADIENT	.00004	-.00007	.00005	-.00006	-.00007	.00090	-.00054	.00030	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A012) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 ATLRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 77/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.272	.18038	.09055	.16271	.11942	-.00738	-.00832	.00612	-.00292	.00000	.00000
4.000	-11.712	.18040	.08975	.16288	.11862	-.00879	-.00738	.00551	-.00262	.00000	.00000
4.000	-9.908	.18091	.08895	.16352	.11791	-.00953	-.00613	.00473	-.00216	.00000	.00000
4.000	-8.281	.18134	.08828	.16406	.11730	-.01013	-.00486	.00401	-.00176	.00000	.00000
4.000	-6.627	.18063	.08766	.16348	.11656	-.01075	-.00372	.00325	-.00138	.00000	.00000
4.000	-4.985	.18083	.08637	.16392	.11529	-.01088	-.00224	.00243	-.00086	.00000	.00000
4.000	-3.289	.18059	.08577	.16379	.11464	-.01097	-.00109	.00167	-.00044	.00000	.00000
4.000	-1.854	.18072	.08568	.16393	.11458	-.01110	.00019	.00103	-.00006	.00000	.00000
4.000	-.877	.18080	.08569	.16400	.11460	-.01108	.00059	.00064	.00013	.00000	.00000
4.000	-.061	.18137	.08572	.16456	.11473	-.01107	.00166	.00016	.00042	.00000	.00000
4.000	.868	.18064	.08570	.16385	.11458	-.01097	.00238	-.00041	.00075	.00000	.00000
4.000	1.613	.18110	.08578	.16429	.11474	-.01092	.00314	-.00070	.00093	.00000	.00000
4.000	GRADIENT	.00005	-.00007	.00006	-.00007	-.00001	.00081	-.00048	.00027	.00000	.00000

RUN NO. 96/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.236	.16886	.08199	.15272	.10915	-.00872	-.00825	.00541	-.00260	.00000	.00000
4.500	-11.689	.16839	.08140	.15236	.10848	-.00963	-.00738	.00485	-.00230	.00000	.00000
4.500	-9.877	.16894	.08071	.15302	.10789	-.01045	-.00598	.00412	-.00198	.00000	.00000
4.500	-8.254	.16936	.08031	.15409	.10767	-.01097	-.00470	.00351	-.00153	.00000	.00000
4.500	-6.596	.16961	.07984	.15382	.10714	-.01153	-.00371	.00280	-.00115	.00000	.00000
4.500	-4.940	.17065	.07953	.15490	.10701	-.01208	-.00232	.00203	-.00073	.00000	.00000
4.500	-3.299	.16982	.07934	.15412	.10669	-.01224	-.00119	.00132	-.00035	.00000	.00000
4.500	-1.791	.17037	.07904	.15470	.10649	-.01248	-.00017	.00080	-.00009	.00000	.00000
4.500	-.897	.16997	.07903	.15431	.10641	-.01255	.00019	.00049	.00014	.00000	.00000
4.500	-.034	.17005	.07893	.15441	.10633	-.01262	.00081	.00006	.00040	.00000	.00000
4.500	.890	.16969	.07895	.15405	.10628	-.01249	.00156	-.00043	.00065	.00000	.00000
4.500	1.689	.17022	.07904	.15455	.10646	-.01253	.00207	-.00069	.00079	.00000	.00000
4.500	GRADIENT	-.00007	-.00009	-.00005	-.00009	-.00007	.00065	-.00041	.00023	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 55.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.268	.20238	.09490	.18354	.12758	-.00568	-.01040	.00693	-.00344	.00000	.00000
3.500	-11.784	.20310	.09421	.18437	.12701	-.00662	-.00907	.00624	-.00302	.00000	.00000
3.500	-9.820	.20353	.09340	.18493	.12629	-.00751	-.00766	.00531	-.00258	.00000	.00000
3.500	-8.341	.20294	.09291	.18445	.12569	-.00809	-.00634	.00454	-.00209	.00000	.00000
3.500	-6.620	.20345	.09235	.18504	.12522	-.00868	-.00483	.00365	-.00165	.00000	.00000
3.500	-4.951	.20363	.09191	.18530	.12482	-.00909	-.00312	.00270	-.00106	.00000	.00000
3.500	-3.275	.20380	.09163	.18551	.12456	-.00938	-.00160	.00185	-.00056	.00000	.00000
3.500	-1.810	.20394	.09156	.18566	.12452	-.00952	-.00036	.00118	-.00018	.00000	.00000
3.500	-.906	.20398	.09141	.18572	.12437	-.00962	.00019	.00068	.00003	.00000	.00000
3.500	-.043	.20406	.09138	.18581	.12437	-.00963	.00124	.00018	-.00038	.00000	.00000
3.500	.854	.20396	.09144	.18570	.12441	-.00948	.00197	-.00047	.00071	.00000	.00000
3.500	1.671	.20432	.09155	.18602	.12458	-.00945	.00295	-.00083	.00090	.00000	.00000
3.500	GRADIENT	.00008	-.00006	.00009	-.00005	-.00005	.00090	-.00054	.00030	.00000	.00000

RUN NO. 59/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

(17A014) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 28/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.223	.44161	.11182	.39932	.21925	-.02009	-.01294	.00775	-.00416	.00000	.00000
2.500	-11.685	.44246	.11111	.40031	.21877	-.02106	-.01122	.00698	-.00376	.00000	.00000
2.500	-9.877	.44097	.11044	.39906	.21772	-.02190	-.00981	.00591	-.00301	.00000	.00000
2.500	-8.281	.44185	.10996	.40004	.21747	-.02255	-.00797	.00500	-.00248	.00000	.00000
2.500	-6.509	.44355	.10948	.40180	.21743	-.02317	-.00597	.00403	-.00210	.00000	.00000
2.500	-4.948	.44172	.10914	.40113	.21662	-.02364	-.00446	.00303	-.00144	.00000	.00000
2.500	-3.302	.44412	.10880	.40253	.21692	-.02399	-.00285	.00203	-.00101	.00000	.00000
2.500	-1.836	.44311	.10864	.40160	.21631	-.02417	-.00139	.00121	-.00041	.00000	.00000
2.500	-.887	.44242	.10864	.40094	.21666	-.02420	.00038	.00032	-.00013	.00000	.00000
2.500	.008	.44379	.10850	.40226	.21658	-.02413	.00172	.00044	.00048	.00000	.00000
2.500	.872	.44403	.10867	.40252	.21648	-.02402	.00195	-.00086	.00073	.00000	.00000
2.500	1.660	.44301	.10867	.40150	.21648	-.02402	.00195	-.00086	.00073	.00000	.00000
2.500	GRADIENT	.00016	-.00007	.00018	-.00003	-.00006	.00100	-.00058	.00033	.00000	.00000

RUN NO. 52/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.286	.35957	.09081	.32481	.17898	-.00947	-.00909	.00626	-.00293	.00000	.00000
3.500	-11.725	.35987	.09019	.32527	.17845	-.01040	-.00796	.00557	-.00258	.00000	.00000
3.500	-9.857	.36040	.08948	.32596	.17789	-.01127	-.00655	.00476	-.00213	.00000	.00000
3.500	-8.301	.36045	.08904	.32613	.17746	-.01173	-.00532	.00406	-.00174	.00000	.00000
3.500	-6.637	.36093	.08860	.32671	.17715	-.01238	-.00378	.00333	-.00127	.00000	.00000
3.500	-4.955	.36057	.08821	.32646	.17669	-.01288	-.00259	.00245	-.00079	.00000	.00000
3.500	-3.285	.36126	.08803	.32717	.17668	-.01313	-.00106	.00168	-.00035	.00000	.00000
3.500	-1.824	.36099	.08788	.32695	.17647	-.01327	-.00002	.00106	-.00000	.00000	.00000
3.500	-.872	.36051	.08792	.32648	.17638	-.01346	.00085	.00065	.00025	.00000	.00000
3.500	.012	.36061	.08786	.32659	.17635	-.01336	.00170	.00019	.00049	.00000	.00000
3.500	.837	.36071	.08786	.32668	.17637	-.01328	.00265	-.00037	.00080	.00000	.00000
3.500	1.654	.36060	.08782	.32659	.17630	-.01325	.00290	-.00072	.00099	.00000	.00000
3.500	GRADIENT	-.00004	-.00005	-.00002	-.00007	-.00006	.00086	-.00048	.00027	.00000	.00000

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

REFERENCE DATA

SREF = 2690.000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 76/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.268	.32979	.08498	.29776	.16530	-.01013	-.00759	.00543	-.00240	.00000	.00000
4.000	-11.707	.32971	.08445	.29781	.16476	-.01091	-.00665	.00485	-.00207	.00000	.00000
4.000	-9.904	.32989	.08383	.29815	.16420	-.01183	-.00515	.00418	-.00167	.00000	.00000
4.000	-8.277	.32997	.08334	.29836	.16374	-.01241	-.00422	.00355	-.00133	.00000	.00000
4.000	-6.617	.32995	.08290	.29844	.16331	-.01289	-.00295	.00287	-.00092	.00000	.00000
4.000	-4.948	.33007	.08265	.29862	.16310	-.01327	-.00180	.00210	-.00051	.00000	.00000
4.000	-3.322	.33032	.08248	.29892	.16296	-.01353	-.00065	.00143	-.00012	.00000	.00000
4.000	-1.850	.33042	.08228	.29906	.16283	-.01377	.00029	.00084	.00020	.00000	.00000
4.000	-.897	.33049	.08229	.29912	.16285	-.01373	.00081	.00050	.00037	.00000	.00000
4.000	-.052	.33072	.08232	.29934	.16294	-.01382	.00155	.00009	.00065	.00000	.00000
4.000	.861	.33028	.08229	.29932	.16281	-.01370	.00228	-.00043	.00086	.00000	.00000
4.000	1.619	.33115	.08236	.29973	.16310	-.01364	.00304	-.00067	.00106	.00000	.00000
4.000	GRADIENT	.00011	-.00004	.00012	-.00001	-.00006	.00072	-.00043	.00024	.00000	.00000

RUN NO. 95/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.240	.31279	.07638	.28332	.15297	-.01072	-.00686	.00461	-.00211	.00000	.00000
4.500	-11.685	.31284	.07581	.28352	.15242	-.01135	-.00610	.00420	-.00186	.00000	.00000
4.500	-9.820	.31337	.07541	.28413	.15216	-.01186	-.00523	.00363	-.00153	.00000	.00000
4.500	-8.254	.31395	.07503	.28479	.15194	-.01237	-.00435	.00313	-.00124	.00000	.00000
4.500	-6.596	.31348	.07462	.28444	.15142	-.01302	-.00307	.00255	-.00088	.00000	.00000
4.500	-4.944	.31360	.07434	.28463	.15118	-.01342	-.00207	.00190	-.00058	.00000	.00000
4.500	-3.295	.31469	.07415	.28573	.15127	-.01354	-.00119	.00134	-.00023	.00000	.00000
4.500	-1.817	.31380	.07404	.28490	.15095	-.01365	-.00031	.00086	.00006	.00000	.00000
4.500	-.911	.31390	.07406	.28500	.15087	-.01383	.00020	.00061	.00021	.00000	.00000
4.500	-.028	.31388	.07395	.28500	.15087	-.01378	.00070	.00026	.00038	.00000	.00000
4.500	.879	.31348	.07414	.28456	.15096	-.01360	.00146	-.00017	.00061	.00000	.00000
4.500	1.683	.31360	.07415	.28468	.15100	-.01365	.00183	-.00038	.00078	.00000	.00000
4.500	GRADIENT	-.00007	-.00003	-.00006	-.00004	-.00004	.00060	-.00035	.00020	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A015) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 58/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-13.263	.35849	.09093	.32370	.17888	-.00939	-.00942	.00623	-.00296	.00000	.00000
3.500	-11.707	.35900	.09021	.32438	.17832	-.01024	-.00819	.00555	-.00255	.00000	.00000
3.500	-9.929	.35921	.08957	.32475	.17774	-.01120	-.00666	.00472	-.00213	.00000	.00000
3.500	-8.293	.35988	.08909	.32552	.17744	-.01183	-.00543	.00403	-.00173	.00000	.00000
3.500	-6.617	.36019	.08870	.32592	.17714	-.01240	-.00421	.00328	-.00131	.00000	.00000
3.500	-4.951	.36027	.08832	.32610	.17679	-.01288	-.00269	.00244	-.00081	.00000	.00000
3.500	-3.285	.36033	.08802	.32623	.17651	-.01315	-.00137	.00165	-.00038	.00000	.00000
3.500	-1.832	.36012	.08788	.32606	.17633	-.01319	-.00044	.00100	-.00006	.00000	.00000
3.500	-.945	.36051	.08780	.32647	.17634	-.01327	.00053	.00063	.00021	.00000	.00000
3.500	-.055	.36004	.08771	.32604	.17612	-.01328	.00118	.00018	.00045	.00000	.00000
3.500	.840	.36038	.08767	.32637	.17618	-.01321	.00212	-.00041	.00081	.00000	.00000
3.500	1.654	.35988	.08765	.32591	.17602	-.01319	.00258	-.00075	.00397	.00000	.00000
3.500	GRADIENT	-.00003	-.00010	-.00001	-.00011	-.00004	.00081	-.00048	.00327	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000
 AILRON = .000
 SPDRK = 55.000
 BETA = .000

RUN NO. 25/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.232	.62982	.10517	.56805	.31035	-.03025	-.01142	.00726	-.00381	.00000	.00000
2.500	-11.676	.63075	.10462	.55911	.31015	-.00987	-.00987	.00652	-.00355	.00000	.00000
2.500	-9.944	.63103	.10383	.55964	.30948	-.03225	-.00853	.00546	-.00275	.00000	.00000
2.500	-8.281	.63193	.10332	.56069	.30925	-.03299	-.00682	.00461	-.00234	.00000	.00000
2.500	-6.498	.63196	.10286	.56085	.30888	-.03370	-.00539	.00356	-.00183	.00000	.00000
2.500	-4.933	.63151	.10272	.56053	.30849	-.03408	-.00363	.00277	-.00113	.00000	.00000
2.500	-3.261	.63234	.10239	.56140	.30849	-.03424	-.00224	.00187	-.00075	.00000	.00000
2.500	-1.813	.63334	.10229	.56236	.30877	-.03461	-.00076	.00106	-.00041	.00000	.00000
2.500	-.863	.63307	.10231	.56209	.30869	-.03449	-.00022	.00067	-.00009	.00000	.00000
2.500	-.037	.63279	.10219	.56186	.30850	-.03472	.00049	.00028	.00004	.00000	.00000
2.500	1.879	.63370	.10225	.56272	.30882	-.03456	.00198	-.00041	.00052	.00000	.00000
2.500	1.642	.63217	.10234	.56125	.30842	-.03452	.00237	-.00079	.00076	.00000	.00000
2.500	GRADIENT	.00017	-.00006	.00018	.00001	-.00008	.00092	-.00054	.00029	.00000	.00000

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.276	.53045	.08498	.47095	.25847	-.01761	-.00686	.00497	-.00228	.00000	.00000
3.500	-11.748	.53073	.08452	.47138	.25812	-.01821	-.00502	.00445	-.00197	.00000	.00000
3.500	-9.884	.53101	.08397	.47183	.25769	-.01886	-.00479	.00381	-.00159	.00000	.00000
3.500	-8.293	.53057	.08364	.47153	.25722	-.01938	-.00396	.00323	-.00121	.00000	.00000
3.500	-6.547	.53114	.08322	.47221	.25702	-.02003	-.00273	.00253	-.00085	.00000	.00000
3.500	-4.963	.53135	.08295	.47249	.25683	-.02045	-.00139	.00186	-.00046	.00000	.00000
3.500	-3.269	.53204	.08276	.47320	.25689	-.02059	-.00035	.00127	-.00007	.00000	.00000
3.500	-1.817	.53071	.08270	.47198	.25638	-.02081	.00049	.00075	.00022	.00000	.00000
3.500	-.906	.53039	.08263	.47171	.25620	-.02078	.00106	.00043	.00042	.00000	.00000
3.500	-.070	.53168	.08257	.47293	.25659	-.02095	.00142	.00009	.00054	.00000	.00000
3.500	1.851	.53181	.08260	.47304	.25666	-.02083	.00217	-.00037	.00079	.00000	.00000
3.500	1.636	.53133	.08269	.47257	.25657	-.02062	.00275	-.00060	.00102	.00000	.00000
3.500	GRADIENT	-.00000	-.00005	.00001	-.00004	-.00004	.00061	-.00038	.00022	.00000	.00000

LA131.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(174216) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 73/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.272	.50187	.07955	.44604	.24341	-.01666	-.00487	.00405	-.00150	.00000	.00000
4.000	-11.702	.50111	.07915	.44546	.24277	-.01719	-.00436	.00369	-.00138	.00000	.00000
4.000	-9.984	.50176	.07876	.44621	.24262	-.01785	-.00329	.00320	-.00107	.00000	.00000
4.000	-8.284	.50205	.07857	.44656	.24254	-.01795	-.00245	.00269	-.00078	.00000	.00000
4.000	-6.620	.50251	.07808	.44715	.24222	-.01851	-.00174	.00215	-.00050	.00000	.00000
4.000	-4.940	.50241	.07788	.44712	.24200	-.01883	-.00032	.00168	-.00012	.00000	.00000
4.000	-3.309	.50271	.07774	.44745	.24198	-.01907	.00050	.00109	.00037	.00000	.00000
4.000	-1.869	.50276	.07766	.44752	.24192	-.01927	.00100	.00063	.00037	.00000	.00000
4.000	-.877	.50223	.07764	.44703	.24171	-.01921	.00142	.00042	.00053	.00000	.00000
4.000	-.056	.50290	.07759	.44768	.24189	-.01917	.00195	.00012	.00071	.00000	.00000
4.000	.861	.50299	.07759	.44776	.24193	-.01914	.00258	-.00026	.00093	.00000	.00000
4.000	1.613	.50239	.07764	.44718	.24177	-.01927	.00279	-.00040	.00098	.00000	.00000
4.000	GRADIENT	.00003	-.00004	.00004	-.00003	-.00005	.00048	-.00032	.00017	.00000	.00000

RUN NO. 92/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.249	.47896	.07266	.42667	.22944	-.01665	-.00419	.00302	-.00115	.00000	.00000
4.500	-11.676	.47992	.07245	.42763	.22957	-.01683	-.00382	.00275	-.00098	.00000	.00000
4.500	-9.836	.48039	.07214	.42818	.22944	-.01717	-.00319	.00242	-.00079	.00000	.00000
4.500	-8.251	.48050	.07195	.42835	.22929	-.01763	-.00242	.00210	-.00056	.00000	.00000
4.500	-6.581	.48058	.07176	.42848	.22914	-.01785	-.00179	.00171	-.00034	.00000	.00000
4.500	-4.910	.48009	.07145	.42812	.22869	-.01821	-.00104	.00126	-.00012	.00000	.00000
4.500	-3.285	.48061	.07135	.42865	.22877	-.01830	-.00042	.00085	.00015	.00000	.00000
4.500	-1.776	.48025	.07117	.42837	.22847	-.01839	.00007	.00050	.00034	.00000	.00000
4.500	-.848	.48085	.07127	.42890	.22877	-.01841	.00060	.00035	.00047	.00000	.00000
4.500	-.028	.48082	.07126	.42888	.22875	-.01847	.00096	.00003	.00050	.00000	.00000
4.500	.890	.48052	.07128	.42859	.22867	-.01841	.00160	-.00025	.00079	.00000	.00000
4.500	1.654	.48092	.07126	.42897	.22879	-.01843	.00172	-.00038	.00085	.00000	.00000
4.500	GRADIENT	.00010	-.00002	.00010	-.00001	-.00003	.00044	-.00025	.00015	.00000	.00000

ORIGINAL PAGE IS OF POOR QUALITY

LA131 (LARC UPWT 1299)
LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

DATE 25 JUN 80

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDRK = 55.000 BETA = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 26/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.249	.83373	.09639	.71796	.43467	.43467	-.04614	-.00837	.00574	-.00287	.00000	.00000
2.500	-11.689	.83540	.09590	.71966	.43495	.43495	-.04683	-.00724	.00521	-.00262	.00000	.00000
2.500	-9.973	.83407	.09533	.71872	.43383	.43383	-.04740	-.00611	.00420	-.00211	.00000	.00000
2.500	-8.293	.83502	.09508	.71968	.43400	.43400	-.04834	-.00477	.00355	-.00173	.00000	.00000
2.500	-6.509	.83537	.09467	.72018	.43375	.43375	-.04863	-.00347	.00270	-.00117	.00000	.00000
2.500	-4.959	.83615	.09439	.72103	.43379	.43379	-.04920	-.00214	.00196	-.00080	.00000	.00000
2.500	-3.254	.83411	.09424	.71924	.43279	.43279	-.04966	-.00107	.00112	-.00035	.00000	.00000
2.500	-1.843	.83406	.09420	.71922	.43273	.43273	-.04950	-.00021	.00055	-.00005	.00000	.00000
2.500	-.901	.83505	.09411	.72014	.43309	.43309	-.04942	.00071	.00027	.00014	.00000	.00000
2.500	-.006	.83574	.09407	.72075	.43338	.43338	-.04955	.00125	-.00007	.00044	.00000	.00000
2.500	.876	.83495	.09407	.72007	.43301	.43301	-.04981	.00245	-.00071	.00068	.00000	.00000
2.500	1.654	.83546	.09417	.72048	.43333	.43333	-.04961	.00256	-.00098	.00085	.00000	.00000
2.500	GRADIENT	.00001	-.00004	.00002	-.00003	-.00003	-.06005	.00074	-.00044	.00025	.00000	.00000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.331	.72420	.08109	.62427	.37594	.37594	-.02707	-.00386	.00345	-.00140	.00000	.00000
3.500	-11.698	.72384	.08087	.62405	.37555	.37555	-.02743	-.00318	.00317	-.00119	.00000	.00000
3.500	-9.904	.72426	.08050	.62458	.37540	.37540	-.02784	-.00255	.00264	-.00093	.00000	.00000
3.500	-8.308	.72471	.08028	.62508	.37539	.37539	-.02822	-.00189	.00223	-.00073	.00000	.00000
3.500	-6.759	.72469	.08012	.62514	.37523	.37523	-.02840	-.00113	.00187	-.00045	.00000	.00000
3.500	-5.053	.72496	.07985	.62550	.37509	.37509	-.02842	-.00019	.00131	-.00018	.00000	.00000
3.500	-3.257	.72512	.07972	.62570	.37503	.37503	-.02901	.00036	.00089	.00004	.00000	.00000
3.500	-1.828	.72459	.07957	.62528	.37469	.37469	-.02906	.00112	.00058	.00031	.00000	.00000
3.500	-.921	.72439	.07955	.62511	.37457	.37457	-.02933	.00150	.00032	.00044	.00000	.00000
3.500	-.052	.72544	.07957	.62604	.37506	.37506	-.02916	.00166	.00003	.00054	.00000	.00000
3.500	.847	.72447	.07963	.62515	.37469	.37469	-.02906	.00223	-.00027	.00073	.00000	.00000
3.500	1.636	.72455	.07963	.62522	.37471	.37471	-.02918	.00252	-.00038	.00082	.00000	.00000
3.500	GRADIENT	-.00007	-.00001	-.00006	-.00004	-.00004	-.00002	.00043	-.00027	.00016	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A017) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-13.272	.69195	.07632	.59760	.35707	-.02394	-.00217	.00279	-.00088	.00000	.00000
4.000	-11.712	.69250	.07603	.59821	.35704	-.02432	-.00164	.00252	-.00069	.00000	.00000
4.000	-9.933	.69215	.07571	.59802	.35660	-.02462	-.00124	.00216	-.00052	.00000	.00000
4.000	-8.273	.69204	.07566	.59795	.35651	-.02491	-.00083	.00188	-.00040	.00000	.00000
4.000	-6.613	.69290	.07541	.59884	.35663	-.02519	-.00008	.00158	-.00016	.00000	.00000
4.000	-4.966	.69228	.07522	.59836	.35620	-.02538	.00044	.00121	.00003	.00000	.00000
4.000	-3.322	.69313	.07504	.59919	.35641	-.02555	.00107	.00088	.00023	.00000	.00000
4.000	-1.850	.69280	.07505	.59890	.35627	-.02561	.00148	.00061	.00041	.00000	.00000
4.000	-.926	.69273	.07500	.59885	.35620	-.02557	.00179	.00041	.00054	.00000	.00000
4.000	-.061	.69275	.07501	.59887	.35620	-.02559	.00201	.00029	.00059	.00000	.00000
4.000	.858	.69309	.07504	.59918	.35636	-.02566	.00241	-.00003	.00076	.00000	.00000
4.000	1.625	.69241	.07493	.59861	.35597	-.02589	.00274	-.00012	.00082	.00000	.00000
4.000	GRADIENT	.00002	-.00003	.00003	-.00002	-.00006	.00034	-.00020	.00012	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-13.245	.66677	.07038	.57675	.34190	-.02537	-.00180	.00185	-.00037	.00000	.00000
4.500	-11.685	.66727	.07027	.57724	.34202	-.02554	-.00155	.00169	-.00027	.00000	.00000
4.500	-9.833	.66686	.07009	.57696	.34167	-.02585	-.00103	.00148	-.00015	.00000	.00000
4.500	-8.265	.66630	.06988	.57653	.34126	-.02591	-.00066	.00128	-.00002	.00000	.00000
4.500	-6.596	.66741	.06989	.57753	.34173	-.02597	-.00030	.00094	.00013	.00000	.00000
4.500	-4.948	.66742	.06969	.57763	.34155	-.02627	.00036	.00077	.00029	.00000	.00000
4.500	-3.285	.66791	.06968	.57807	.34175	-.02632	.00073	.00077	.00045	.00000	.00000
4.500	-1.843	.66797	.06959	.57816	.34169	-.02637	.00097	.00031	.00053	.00000	.00000
4.500	-.906	.66755	.06950	.57782	.34143	-.02640	.00109	.00017	.00060	.00000	.00000
4.500	-.031	.66712	.06951	.57743	.34126	-.02631	.00148	.00000	.00067	.00000	.00000
4.500	.890	.66798	.06959	.57818	.34169	-.02620	.00186	-.00014	.00081	.00000	.00000
4.500	1.677	.66753	.06958	.57777	.34150	-.02634	.00199	-.00018	.00087	.00000	.00000
4.500	GRADIENT	-.00001	-.00002	.00000	-.00002	.00000	.00025	-.00015	.00009	.00000	.00000

LA131 MODEL 106-0. SILTS OFF. SB CAVITY OPEN

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 56/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.286	.72371	.08094	.62394	.37549	-.02690	-.00396	.00348	-.00142	.00000	.00000
3.500	-11.734	.72328	.08061	.62370	.37500	-.02729	-.00351	.00313	-.00120	.00000	.00000
3.500	-9.944	.72355	.08022	.62411	.37476	-.02787	-.00265	.00271	-.00095	.00000	.00000
3.500	-8.293	.72385	.07998	.62448	.37467	-.02806	-.00189	.00229	-.00070	.00000	.00000
3.500	-6.658	.72454	.07982	.62518	.37480	-.02844	-.00125	.00180	-.00047	.00000	.00000
3.500	-4.966	.72382	.07953	.62465	.37425	-.02877	-.00050	.00139	-.00018	.00000	.00000
3.500	-3.285	.72369	.07932	.62462	.37400	-.02895	.00025	.00091	.00006	.00000	.00000
3.500	-1.824	.72420	.07936	.62506	.37424	-.02890	.00082	.00060	.00027	.00000	.00000
3.500	-.872	.72468	.07934	.62551	.37442	-.02906	.00141	.00038	.00038	.00000	.00000
3.500	-.064	.72392	.07925	.62485	.37403	-.02903	.00156	.00010	.00059	.00000	.00000
3.500	.844	.72376	.07935	.62468	.37403	-.02900	.00202	-.00021	.00076	.00000	.00000
3.500	1.665	.72392	.07939	.62480	.37415	-.02911	.00252	-.00034	.00085	.00000	.00000
3.500	GRADIENT	.00002	-.00002	.00003	-.00001	-.00004	.00044	-.00026	.00016	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 32.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

PARAMETRIC DATA

RUN NO. 27/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.254	1.13940	.08116	.92800	.66599	-.06894	-.00434	.00441	-.00213	.00000	.00000
2.500	-11.698	1.14080	.08084	.92937	.66551	-.06970	-.00333	.00407	-.00189	.00000	.00000
2.500	-9.868	1.14220	.08049	.93073	.66593	-.07021	-.00252	.00350	-.00157	.00000	.00000
2.500	-8.293	1.14100	.08012	.92998	.66595	-.07107	-.00185	.00296	-.00130	.00000	.00000
2.500	-6.521	1.14090	.07981	.93004	.66560	-.07106	-.00080	.00240	-.00096	.00000	.00000
2.500	-4.959	1.14250	.07976	.93140	.66645	-.07110	.00025	.00193	-.00057	.00000	.00000
2.500	-3.272	1.14260	.07946	.93166	.66618	-.07162	.00099	.00130	-.00035	.00000	.00000
2.500	-1.839	1.14130	.07933	.93057	.66542	-.07144	.00198	.00093	.00001	.00000	.00000
2.500	-.877	1.14180	.07927	.93112	.66564	-.07222	.00198	.00047	.00012	.00000	.00000
2.500	.003	1.14110	.07923	.93051	.66520	-.07203	.00274	.00043	.00022	.00000	.00000
2.500	.865	1.14280	.07944	.93184	.66626	-.07176	.00333	-.00011	.00056	.00000	.00000
2.500	1.660	1.14110	.07929	.93049	.66529	-.07153	.00362	-.00016	.00067	.00000	.00000
	GRADIENT	-.00014	-.00006	-.00009	-.00013	-.00009	.00052	-.00032	.00019	.00000	.00000

RUN NO. 61/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.317	1.03620	.07235	.84394	.60553	-.04615	-.00002	.00211	-.00043	.00000	.00000
3.500	-11.707	1.03450	.07148	.84305	.60394	-.04801	.00085	.00187	-.00021	.00000	.00000
3.500	-9.888	1.03480	.07155	.84327	.60408	-.04784	.00092	.00166	-.00015	.00000	.00000
3.500	-8.288	1.03460	.07145	.84310	.60383	-.04817	.00129	.00141	.00000	.00000	.00000
3.500	-7.128	1.03600	.07148	.84432	.60465	-.04760	.00202	.00145	.00012	.00000	.00000
3.500	-4.963	1.03630	.07164	.84442	.60492	-.04722	.00214	.00090	.00030	.00000	.00000
3.500	-3.272	1.03540	.07086	.84413	.60379	-.04883	.00197	.00062	.00039	.00000	.00000
3.500	-1.850	1.03590	.07124	.84430	.60436	-.04789	.00236	.00044	.00048	.00000	.00000
3.500	-.930	1.03630	.07127	.84468	.60459	-.04801	.00308	.00040	.00060	.00000	.00000
3.500	-.031	1.03560	.07100	.84422	.60365	-.04876	.00336	.00024	.00070	.00000	.00000
3.500	.837	1.03560	.07099	.84428	.60398	-.04837	.00367	.00022	.00073	.00000	.00000
3.500	1.660	1.03700	.07148	.84513	.60517	-.04750	.00353	-.00001	.00079	.00000	.00000
	GRADIENT	.00005	-.00003	.00007	.00001	-.00005	.00028	-.00013	.00008	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAGE 41

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A019) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 32.0000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.0000 BETA = .000

PARAMETRIC DATA

RUN NO. 75/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.290	1.0010	.06955	.81543	.58310	-.04209	.00048	.00154	-.00006	.00000	.00000
4.000	-11.721	1.0090	.06947	.81621	.58349	-.04203	.00066	.00127	.00007	.00000	.00000
4.000	-9.933	.99961	.06883	.81548	.58220	-.04360	.00181	.00132	.00024	.00000	.00000
4.000	-8.277	1.0090	.06890	.81651	.58293	-.04320	.00141	.00093	.00026	.00000	.00000
4.000	-6.617	1.0060	.06923	.81606	.58309	-.04234	.00164	.00094	.00033	.00000	.00000
4.000	-4.978	1.0010	.06848	.81606	.58213	-.04401	.00230	.00082	.00047	.00000	.00000
4.000	-3.322	1.0010	.06889	.81661	.58301	-.04308	.00225	.00049	.00058	.00000	.00000
4.000	-1.865	1.0010	.06890	.81666	.58303	-.04301	.00257	.00035	.00069	.00000	.00000
4.000	-.906	.99940	.06853	.81548	.58180	-.04397	.00338	.00044	.00081	.00000	.00000
4.000	-.055	1.0020	.06865	.81610	.58238	-.04347	.00325	.00029	.00078	.00000	.00000
4.000	.844	1.0070	.06891	.81636	.58286	-.04284	.00311	.00015	.00080	.00000	.00000
4.000	1.619	1.0010	.06892	.81673	.58307	-.04261	.00347	.00021	.00084	.00000	.00000
4.000	GRADIENT	.00005	.00004	.00003	.00006	.00014	.00020	-.00009	.00006	.00000	.00000

RUN NO. 94/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.249	.96774	.06539	.78934	.56368	-.04478	-.00011	.00103	.00020	.00000	.00000
4.500	-11.707	.96536	.06455	.78782	.56163	-.04762	.00072	.00117	.00025	.00000	.00000
4.500	-9.812	.96701	.06495	.78896	.56290	-.04624	.00040	.00088	.00035	.00000	.00000
4.500	-8.254	.96704	.06467	.78915	.56256	-.04656	.00049	.00058	.00043	.00000	.00000
4.500	-6.596	.96720	.06528	.78895	.56328	-.04524	.00120	.00072	.00053	.00000	.00000
4.500	-4.948	.96769	.06498	.78953	.56328	-.04585	.00085	.00023	.00059	.00000	.00000
4.500	-3.261	.96752	.06506	.78933	.56327	-.04560	.00125	.00016	.00070	.00000	.00000
4.500	-1.798	.96616	.06437	.78857	.56193	-.04732	.00137	.00014	.00071	.00000	.00000
4.500	-.829	.96808	.06477	.78997	.56331	-.04592	.00134	-.00011	.00081	.00000	.00000
4.500	.006	.96715	.06468	.78923	.56275	-.04594	.00147	-.00014	.00083	.00000	.00000
4.500	.879	.96739	.06461	.78950	.56277	-.04608	.00203	-.00007	.00091	.00000	.00000
4.500	1.688	.96687	.06452	.78914	.56236	-.04648	.00202	-.00011	.00097	.00000	.00000
4.500	GRADIENT	-.00007	-.00007	-.00001	-.00010	-.00006	.00017	-.00006	.00005	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = 0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 97/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.494	-.10861	.13145	-.10279	.13605	.00794	-.00070	-.00001	.00014	.00000	.00000
2.500	-4.33	-.04681	.12836	-.04584	.12871	.00355	.00002	.00003	.00022	.00000	.00000
2.500	1.501	.01410	.12610	.01058	.12644	-.00077	-.00001	.00012	.00004	.00000	.00000
2.500	3.620	.07501	.12339	.06707	.12788	-.00434	.00044	.00019	.00012	.00000	.00000
2.500	4.546	.10237	.12129	.09243	.12902	-.06607	.00001	.00018	.00015	.00000	.00000
2.500	5.649	.13679	.11859	.12445	.13148	-.00816	-.00011	.00019	.00008	.00000	.00000
2.500	7.607	.19973	.11614	.18259	.14155	-.01107	.00043	.00017	-.00000	.00000	.00000
2.500	9.575	.26588	.11366	.24327	.15631	-.01388	.00045	.00021	-.00002	.00000	.00000
2.500	11.573	.33626	.11148	.30705	.17667	-.01763	.00071	.00026	-.00004	.00000	.00000
2.500	12.644	.37508	.11025	.34185	.18968	-.01980	.00052	.00027	.00007	.00000	.00000
2.500	13.576	.40840	.10904	.37139	.20186	-.02152	.00089	.00035	.00007	.00000	.00000
2.500	14.608	.44717	.10769	.40555	.21698	-.02418	.00096	.00043	.00002	.00000	.00000
2.500	15.594	.48488	.10628	.43846	.23272	-.02648	.00086	.00046	-.00007	.00000	.00000
2.500	16.587	.52180	.10548	.46997	.25005	-.02843	.00066	.00035	.00001	.00000	.00000
2.500	17.597	.55856	.10417	.50093	.26816	-.03051	.00086	.00037	.00008	.00000	.00000
2.500	19.547	.63221	.10139	.56185	.30707	-.03459	.00111	.00028	.00010	.00000	.00000
2.500	23.561	.79371	.09486	.68963	.40421	-.04618	.00222	-.00019	.00030	.00000	.00000
2.500	24.590	.83759	.09333	.72279	.43341	-.04965	.00196	-.00013	.00023	.00000	.00000
2.500	27.586	.96650	.08843	.81568	.52594	-.05983	.00337	-.00012	.00034	.00000	.00000
2.500	31.594	1.14370	.07920	.93268	.66662	-.07093	.00297	.00024	.00024	.00000	.00000
2.500	GRADIENT	.02999	-.00138	.02776	-.00089	-.00199	.00011	.00003	-.00001	.00000	.00000

(17A021) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 111/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.351	-.10351	.10985	-.09891	.11400	-.01126	.00040	.00006	.00017	.00000	.00000
3.500	-.344	-.05881	.10605	-.05817	.10640	-.01030	.00042	.00007	.00020	.00000	.00000
3.500	1.629	-.01165	.10371	-.01459	.10334	-.00943	.00045	.00012	.00015	.00000	.00000
3.500	3.668	.03783	.10061	.03132	.10282	-.00865	.00071	.00010	.00022	.00000	.00000
3.500	4.661	.06284	.09872	.05461	.10350	-.00862	.00094	.00008	.00025	.00000	.00000
3.500	5.647	.08921	.09648	.07929	.10479	-.00808	.00098	.00009	.00020	.00000	.00000
3.500	7.660	.14490	.09378	.13111	.11226	-.00918	.00126	.00010	.00025	.00000	.00000
3.500	9.656	.20275	.09116	.18459	.12388	-.00961	.00064	.00025	.00027	.00000	.00000
3.500	11.673	.26316	.08984	.23954	.14122	-.01055	.00055	.00035	.00026	.00000	.00000
3.500	12.640	.29263	.08913	.26603	.15100	-.01134	.00080	.00032	.00028	.00000	.00000
3.500	13.652	.32509	.08843	.29504	.16266	-.01238	.00095	.00030	.00032	.00000	.00000
3.500	14.644	.35792	.08778	.32410	.17541	-.01343	.00089	.00027	.00032	.00000	.00000
3.500	15.640	.39089	.08675	.35302	.18892	-.01478	.00093	.00024	.00035	.00000	.00000
3.500	16.659	.42557	.08589	.38308	.20429	-.01612	.00150	.00022	.00047	.00000	.00000
3.500	17.663	.45943	.08492	.41201	.22032	-.01776	.00123	.00017	.00044	.00000	.00000
3.500	19.638	.52982	.08277	.47119	.25602	-.02113	.00155	.00018	.00047	.00000	.00000
3.500	23.654	.68212	.07973	.59283	.34670	-.02731	.00195	.00014	.00054	.00000	.00000
3.500	24.645	.72238	.07955	.62340	.37353	-.02950	.00199	.00016	.00053	.00000	.00000
3.500	27.657	.85017	.07785	.71690	.46359	-.03456	.00260	.00005	.00062	.00000	.00000
3.500	31.661	1.03390	.07196	.84226	.60393	-.04756	.00320	.00038	.00062	.00000	.00000
3.500	GRADIENT	.02377	-.00153	.02195	-.00142	.00039	.00007	.00000	.00001	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A021) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 118/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.493	-.10355	.10324	-.09897	.10765	-.01277	.00097	.00027	.00026	.00000	.00000
4.000	-.434	-.06097	.09883	-.06022	.09929	-.01229	.00119	.00016	.00032	.00000	.00000
4.000	1.597	-.01613	.09612	-.01880	.09563	-.01158	.00109	.00021	.00027	.00000	.00000
4.000	3.557	.02676	.09344	.02092	.09492	-.01082	.00146	.00012	.00032	.00000	.00000
4.000	4.595	.05177	.09166	.04426	.09552	-.01045	.00127	.00013	.00027	.00000	.00000
4.000	5.577	.07686	.08972	.06778	.09676	-.01034	.00165	.00013	.00033	.00000	.00000
4.000	7.600	.13001	.08710	.11735	.10353	-.01103	.00114	.00020	.00038	.00000	.00000
4.000	9.618	.18525	.08460	.16851	.11437	-.01048	.00113	.00029	.00033	.00000	.00000
4.000	11.583	.24090	.08331	.21927	.12998	-.01144	.00121	.00027	.00043	.00000	.00000
4.000	12.598	.27095	.08287	.24635	.13937	-.01167	.00115	.00027	.00047	.00000	.00000
4.000	13.547	.30017	.08210	.27259	.15013	-.01257	.00131	.00028	.00049	.00000	.00000
4.000	14.574	.33346	.08120	.30230	.16250	-.01335	.00158	.00020	.00058	.00000	.00000
4.000	15.596	.36671	.08047	.33158	.17610	-.01444	.00174	.00016	.00062	.00000	.00000
4.000	16.620	.40214	.07956	.36258	.19126	-.01538	.00168	.00015	.00062	.00000	.00000
4.000	17.596	.43468	.07856	.39059	.20629	-.01647	.00152	.00024	.00056	.00000	.00000
4.000	19.594	.50575	.07704	.45063	.24219	-.01907	.00197	.00018	.00066	.00000	.00000
4.000	23.600	.65785	.07482	.57287	.33193	-.02410	.00233	.00030	.00060	.00000	.00000
4.000	24.631	.69910	.07459	.60440	.35916	-.02567	.00225	.00029	.00057	.00000	.00000
4.000	27.616	.82551	.07351	.69739	.44780	-.03110	.00302	.00020	.00079	.00000	.00000
4.000	31.629	1.00620	.06830	.82096	.58585	-.04378	.00364	.00036	.00072	.00000	.00000
4.000	GRADIENT	.02189	-.00157	.02019	-.00164	.00034	.00005	-.00002	.00000	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 125/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.384	-.10539	.09983	-.10115	.10412	-.01656	.00173	.00019	.00025	.00000	.00000
4.500	-.379	-.06449	.09525	-.06386	.09567	-.01503	.00144	.00012	.00022	.00000	.00000
4.500	1.592	-.02077	.09115	-.02346	.09050	-.01368	.00172	.00009	.00022	.00000	.00000
4.500	3.643	.02036	.08801	.01473	.08912	-.01221	.00188	.00007	.00031	.00000	.00000
4.500	4.670	.04454	.08589	.03740	.08923	-.01206	.00164	.00013	.00029	.00000	.00000
4.500	5.697	.06871	.08378	.06006	.09018	-.01206	.00195	.00034	.00034	.00000	.00000
4.500	7.627	.11663	.08126	.10481	.09602	-.01214	.00186	.00009	.00039	.00000	.00000
4.500	9.679	.16884	.07892	.15317	.10618	-.01204	.00194	.00015	.00042	.00000	.00000
4.500	11.681	.22392	.07575	.20395	.11952	-.01215	.00153	.00042	.00036	.00000	.00000
4.500	12.624	.25085	.07522	.22835	.12822	-.01264	.00172	.00045	.00040	.00000	.00000
4.500	13.700	.28282	.07454	.25712	.13940	-.01305	.00165	.00052	.00039	.00000	.00000
4.500	14.659	.31254	.07389	.28367	.15058	-.01354	.00182	.00039	.00046	.00000	.00000
4.500	15.694	.34551	.07334	.31279	.16407	-.01437	.00214	.00029	.00059	.00000	.00000
4.500	16.634	.37661	.07279	.34002	.17755	-.01508	.00232	.00026	.00063	.00000	.00000
4.500	17.624	.40943	.07224	.36834	.19281	-.01606	.00224	.00024	.00065	.00000	.00000
4.500	19.681	.48057	.07131	.42848	.22899	-.01857	.00249	.00020	.00073	.00000	.00000
4.500	23.641	.62713	.06963	.54658	.31526	-.02458	.00299	.00019	.00084	.00000	.00000
4.500	24.668	.66708	.06988	.57704	.34192	-.02624	.00303	.00029	.00085	.00000	.00000
4.500	27.696	.79156	.06927	.66868	.42924	-.03260	.00339	.00028	.00091	.00000	.00000
4.500	31.687	.96774	.06485	.78941	.56352	-.04674	.00462	.00048	.00112	.00000	.00000
4.500	GRADIENT	.02118	-.00194	.01957	-.00207	.00066	.00002	-.00001	.00001	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A022) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.10894	.12009	.09899	.12842	-.01155	.10608	-.00561	.00760	.00000	.00000
2.500	-3.981	.10675	.12165	.09669	.12979	-.00817	.06739	-.00260	.00467	.00000	.00000
2.500	-3.011	.10570	.12203	.09560	.13009	-.00731	.05074	-.00172	.00350	.00000	.00000
2.500	-1.966	.10379	.12222	.09369	.13012	-.00662	.03226	-.00059	.00221	.00000	.00000
2.500	-1.021	.10375	.12203	.09367	.12992	-.00628	.01591	-.00015	.00112	.00000	.00000
2.500	-.019	.10296	.12144	.09296	.12926	-.00607	.00062	.00015	.00011	.00000	.00000
2.500	.965	.10335	.12276	.09321	.13062	-.00650	-.01535	.00050	-.00093	.00000	.00000
2.500	1.987	.10217	.12332	.09198	.13109	-.00711	-.03176	.00105	-.00199	.00000	.00000
2.500	2.970	.10481	.12338	.09460	.13137	-.00792	-.04990	.00228	-.00342	.00000	.00000
2.500	4.011	.10438	.12343	.09418	.13138	-.00897	-.06734	.00327	-.00458	.00000	.00000
2.500	6.032	.10723	.12217	.09713	.13034	-.01260	-.10638	.00634	-.00737	.00000	.00000
	GRADIENT	-.00026	.00024	-.00028	.00022	-.00010	-.01672	.00066	-.00114	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.06716	.09792	.05901	.10304	-.01301	.09787	-.00499	.00754	.00000	.00000
3.500	-4.000	.06589	.09856	.05769	.10358	-.01116	.06296	-.00253	.00478	.00000	.00000
3.500	-2.992	.06518	.09863	.05696	.10359	-.00998	.04730	-.00162	.00362	.00000	.00000
3.500	-1.985	.06439	.09833	.05620	.10323	-.00941	.03119	-.00084	.00239	.00000	.00000
3.500	-1.021	.06292	.09843	.05473	.10321	-.00887	.01587	-.00028	.00135	.00000	.00000
3.500	-.019	.06287	.09850	.05466	.10328	-.00864	.00115	.00008	.00026	.00000	.00000
3.500	.984	.06271	.09892	.05447	.10369	-.00877	-.01304	.00044	-.00085	.00000	.00000
3.500	1.987	.06364	.09892	.05540	.10376	-.00968	-.02785	.00090	-.00185	.00000	.00000
3.500	2.970	.06455	.09917	.05629	.10409	-.01011	-.04407	.00179	-.00311	.00000	.00000
3.500	3.992	.06540	.09934	.05712	.10432	-.01100	-.06066	.00280	-.00433	.00000	.00000
3.500	6.013	.06704	.09948	.05875	.10459	-.01307	-.09525	.00537	-.00697	.00000	.00000
	GRADIENT	-.00009	.00011	-.00010	.00010	-.00000	-.01531	.00060	-.00113	.00000	.00000

(17A022) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

PARAMETRIC DATA

ALPHA = 5.000
 AILRON = .000
 SPOBRK = 55.000
 ELEVON = .000
 BDFLAP = .000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN.
 LREF = 474.8100 INCHES
 BREF = 936.6800 INCHES
 SCALE = .0200
 XMRP = 1076.7000 IN. XO
 YMRP = .0000 IN. YO
 ZMRP = 375.0000 IN. ZO

RUN NO. 119/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.05493	.09232	.04735	-.01364	.09643	-.01364	.09271	-.00398	.00687	.00000	.00000
4.000	-4.096	.05478	.09209	.04722	-.01268	.09619	-.01268	.06368	-.00218	.00470	.00000	.00000
4.000	-3.011	.05275	.09208	.04519	-.01162	.09602	-.01162	.04563	-.00133	.00334	.00000	.00000
4.000	-1.985	.05230	.09197	.04474	-.01114	.09587	-.01114	.03137	-.00072	.00229	.00000	.00000
4.000	-1.002	.05148	.09218	.04391	-.01044	.09602	-.01044	.01547	-.00017	.00119	.00000	.00000
4.000	.000	.05147	.09249	.04387	-.01000	.09633	-.01000	.00185	.00011	.00024	.00000	.00000
4.000	.984	.05017	.09265	.04256	-.01030	.09638	-.01030	-.01083	.00052	-.00061	.00000	.00000
4.000	1.968	.05164	.09229	.04407	-.01103	.09614	-.01103	-.02640	.00093	-.00167	.00000	.00000
4.000	2.970	.05228	.09252	.04469	-.01168	.09642	-.01168	-.04170	.00166	-.00275	.00000	.00000
4.000	4.011	.05251	.09293	.04488	-.01210	.09684	-.01210	-.05746	.00233	-.00394	.00000	.00000
4.000	6.013	.05332	.09340	.04565	-.01375	.09737	-.01375	-.08984	.00422	-.00632	.00000	.00000
4.000	GRADIENT	-.00022	.00010	-.00023	.00004	.00008	.00004	-.01475	.00051	-.00104	.00000	.00000

RUN NO. 126/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.04707	.08637	.03988	-.01488	.08992	-.01488	.08618	-.00263	.00615	.00000	.00000
4.500	-4.019	.04655	.08574	.03942	-.01380	.08925	-.01380	.05580	-.00126	.00410	.00000	.00000
4.500	-3.011	.04560	.08575	.03847	-.01289	.08917	-.01289	.04163	-.00076	.00308	.00000	.00000
4.500	-1.985	.04509	.08563	.03797	-.01253	.08902	-.01253	.02716	-.00038	.00207	.00000	.00000
4.500	-1.021	.04461	.08600	.03746	-.01186	.08935	-.01186	.01339	.00009	.00112	.00000	.00000
4.500	.000	.04454	.08614	.03738	-.01203	.08949	-.01203	.00013	.00019	.00022	.00000	.00000
4.500	.984	.04403	.08630	.03685	-.01210	.08960	-.01210	-.01233	.00019	-.00059	.00000	.00000
4.500	1.987	.04439	.08594	.03724	-.01292	.08927	-.01292	-.02558	.00042	-.00144	.00000	.00000
4.500	2.970	.04619	.08502	.03902	-.01339	.08955	-.01339	-.03948	.00093	-.00239	.00000	.00000
4.500	4.011	.04699	.08648	.03980	-.01397	.09003	-.01397	-.05435	.00149	-.00347	.00000	.00000
4.500	6.013	.04816	.08756	.04087	-.01493	.09119	-.01493	-.08416	.00293	-.00554	.00000	.00000
4.500	GRADIENT	.00003	.00008	.00002	-.00005	.00008	-.00005	-.01358	.00030	-.00092	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.020	.27095	.11343	.24833	.15688	-.01962	.10051	-.00223	.00965	.00000	.00000
2.500	-4.019	.26798	.11499	.24515	.15791	-.01626	.06302	-.00028	.00550	.00000	.00000
2.500	-3.011	.26763	.11471	.24485	.15758	-.01555	.04763	-.00028	.00423	.00000	.00000
2.500	-1.965	.26616	.11378	.24356	.15641	-.01506	.03258	-.00006	.00289	.00000	.00000
2.500	-1.002	.26549	.11359	.24294	.15610	-.01422	.01715	.00023	.00150	.00000	.00000
2.500	-.019	.26389	.11424	.24126	.15647	-.01396	.00113	.00021	.00011	.00000	.00000
2.500	.984	.26353	.11438	.24089	.15654	-.01430	-.01426	.00023	-.00124	.00000	.00000
2.500	1.987	.26502	.11472	.24228	.15714	-.01502	-.03037	.00056	-.00280	.00000	.00000
2.500	2.988	.26709	.11561	.24416	.15840	-.01571	-.04466	.00063	-.00406	.00000	.00000
2.500	4.030	.26692	.11615	.24390	.15892	-.01628	-.06120	.00082	-.00537	.00000	.00000
2.500	6.013	.27049	.11512	.24756	.15854	-.01922	-.09748	.00266	-.00919	.00000	.00000
2.500	GRADIENT	-.00017	.00017	-.00019	.00014	-.00001	-.01549	.00014	-.00138	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.20493	.09150	.18671	.12453	-.01401	.0928F	-.00344	.00994	.00000	.00000
3.500	-4.000	.20399	.09197	.18569	.12485	-.01175	.05937	-.00126	.00614	.00000	.00000
3.500	-3.011	.20337	.09184	.18509	.12464	-.01068	.04336	-.00012	.00434	.00000	.00000
3.500	-1.965	.20363	.09166	.18538	.12451	-.00983	.02935	-.00011	.00301	.00000	.00000
3.500	-1.002	.20344	.09152	.18521	.12434	-.00950	.01517	.00021	.00163	.00000	.00000
3.500	.000	.20364	.09133	.18545	.12417	-.00960	.00147	.00026	.00033	.00000	.00000
3.500	.965	.20371	.09137	.18551	.12422	-.00958	-.01242	.00036	-.00107	.00000	.00000
3.500	1.968	.20316	.09172	.18491	.12448	-.00991	-.02641	.00064	-.00239	.00000	.00000
3.500	2.970	.20360	.09194	.18530	.12478	-.01037	-.04052	.00069	-.00368	.00000	.00000
3.500	4.011	.20492	.09213	.18656	.12520	-.01129	-.05696	.00176	-.00549	.00000	.00000
3.500	5.995	.20639	.09326	.18783	.12655	-.01377	-.08912	.00388	-.00921	.00000	.00000
3.500	GRADIENT	.00006	.00002	.00006	.00003	.00004	-.01430	.00027	-.00141	.00000	.00000

c-2

LAI31,MODEL 106-0, SILTS OFF. SB CAVITY CLOSED

(17A023) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 120/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.18458	.08621	.16762	.11578	-.01411	.08822	-.00286	.02938	.00000	.00000
4.000	-4.019	.18486	.08606	.16792	.11568	-.01290	.05736	-.00138	.00614	.00000	.00000
4.000	-2.992	.18338	.08585	.16649	.11523	-.01220	.04309	-.00028	.00444	.00000	.00000
4.000	-1.985	.18276	.08572	.16591	.11499	-.01139	.02733	.00015	.00283	.00000	.00000
4.000	-1.021	.18300	.08582	.16614	.11512	-.01095	.01464	.00026	.00158	.00000	.00000
4.000	-.019	.18172	.08523	.16501	.11428	-.01049	.00135	.00026	.00032	.00000	.00000
4.000	.965	.18226	.08624	.16534	.11541	-.01089	-.01103	.00016	-.00090	.00000	.00000
4.000	1.968	.18278	.08639	.16581	.11567	-.01140	-.02429	.00035	-.00219	.00000	.00000
4.000	2.970	.18369	.08673	.16663	.11618	-.01186	-.03834	.00066	-.00363	.00000	.00000
4.000	4.030	.18442	.08697	.16731	.11654	-.01271	-.05343	.00177	-.00539	.00000	.00000
4.000	6.013	.18568	.08725	.16850	.11703	-.01412	-.08499	.00328	-.00871	.00000	.00000
4.000	GRADIENT	-.00002	.00013	-.00005	.00013	.00003	-.01361	.00026	-.00138	.00000	.00000

RUN NO. 127/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.16926	.07999	.15350	.10717	-.01348	.08176	-.00156	.00853	.00000	.00000
4.500	-4.000	.16968	.07942	.15421	.10670	-.01312	.05296	-.00104	.00592	.00000	.00000
4.500	-3.011	.16953	.07939	.15386	.10662	-.01311	.03875	-.00012	.00428	.00000	.00000
4.500	-1.985	.16880	.07958	.15311	.10670	-.01252	.02448	.00048	.00271	.00000	.00000
4.500	-1.002	.16866	.07970	.15295	.10679	-.01205	.01247	.00047	.00151	.00000	.00000
4.500	.000	.16853	.07971	.15282	.10678	-.01190	.00055	.00011	.00038	.00000	.00000
4.500	.965	.16836	.07962	.15267	.10666	-.01230	-.00988	-.00038	-.00058	.00000	.00000
4.500	1.987	.16854	.07941	.15289	.10647	-.01271	-.02241	-.00024	-.00187	.00000	.00000
4.500	2.970	.16916	.07976	.15344	.10692	-.01311	-.03612	.00040	-.00341	.00000	.00000
4.500	3.992	.16928	.08020	.15349	.10737	-.01345	-.05102	.00136	-.00506	.00000	.00000
4.500	5.995	.16877	.08089	.15287	.10797	-.01413	-.07909	.00208	-.00778	.00000	.00000
4.500	GRADIENT	-.00007	.00006	-.00008	.00005	-.00003	-.01265	.00015	-.00131	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A024) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 100/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.44912	.10633	.40792	.21591	-.03048	.09449	.00139	.01146	.00000	.00000
2.500	-4.019	.44678	.10898	.40497	.21791	-.02659	.05650	.00310	.00655	.00000	.00000
2.500	-3.030	.44665	.10934	.40475	.21825	-.02546	.04305	.00227	.00492	.00000	.00000
2.500	-2.004	.44407	.10908	.40234	.21732	-.02519	.02847	.00173	.00315	.00000	.00000
2.500	-1.002	.44447	.10817	.40293	.21657	-.02457	.01533	.00116	.00166	.00000	.00000
2.500	-.019	.44442	.10820	.40287	.21659	-.02429	.00055	.00037	.00003	.00000	.00000
2.500	.946	.44578	.10808	.40420	.21685	-.02436	-.01313	-.00034	-.00162	.00000	.00000
2.500	1.987	.44577	.10902	.40398	.21771	-.02484	-.02707	-.00103	-.00308	.00000	.00000
2.500	2.970	.44611	.10966	.40414	.21842	-.02516	-.04148	-.00146	-.00489	.00000	.00000
2.500	4.011	.44548	.10945	.40360	.21804	-.02604	-.05579	-.00234	-.00646	.00000	.00000
2.500	6.013	.44781	.10712	.40646	.21633	-.02959	-.09178	-.00097	-.01102	.00000	.00000
2.500	GRADIENT	-.00004	.00004	-.00005	.00003	.00007	-.01403	-.00067	-.00162	.00000	.00000

RUN NO. 114/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.35870	.08707	.32499	.17500	-.01678	.08617	.00014	.01155	.00000	.00000
3.500	-4.019	.35862	.08697	.32496	.17485	-.01557	.05589	.00055	.00763	.00000	.00000
3.500	-3.011	.35842	.08757	.32461	.17538	-.01499	.04066	.00116	.00540	.00000	.00000
3.500	-1.985	.35850	.08817	.32455	.17598	-.01409	.02645	.00149	.00335	.00000	.00000
3.500	-1.021	.35893	.08812	.32497	.17605	-.01392	.01464	.00078	.00196	.00000	.00000
3.500	-.019	.35902	.08801	.32508	.17597	-.01351	.00151	.00030	.00043	.00000	.00000
3.500	.984	.35981	.08775	.32590	.17592	-.01385	-.01098	-.00017	-.00112	.00000	.00000
3.500	1.968	.35926	.08802	.32530	.17605	-.01372	-.02358	-.00055	-.00265	.00000	.00000
3.500	2.988	.35972	.08763	.32584	.17578	-.01428	-.03693	-.00066	-.00444	.00000	.00000
3.500	3.992	.35912	.08706	.32541	.17509	-.01507	-.05286	.00015	-.00682	.00000	.00000
3.500	5.995	.36020	.08707	.32643	.17540	-.01660	-.08281	.00061	-.01085	.00000	.00000
3.500	GRADIENT	.00014	-.00000	.00013	.00004	.00008	-.01324	-.00020	-.00171	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED (17A024) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BOFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 121/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.33552	.08209	.30361	.16473	-.01605	.08182	.00119	.01084	.00000	.00000
4.000	-4.000	.33657	.08176	.30470	.16469	-.01539	.05488	.00060	.00760	.00000	.00000
4.000	-3.011	.33694	.08172	.30507	.16473	-.01530	.04007	.00098	.00562	.00000	.00000
4.000	-1.985	.33563	.08191	.30376	.16459	-.01465	.02526	.00140	.00357	.00000	.00000
4.000	-1.021	.33628	.08207	.30435	.16491	-.01400	.01389	.00078	.00209	.00000	.00000
4.000	.000	.33559	.08197	.30371	.16462	-.01368	.00170	.00018	.00057	.00000	.00000
4.000	.984	.33644	.08192	.30454	.16480	-.01394	-.00953	-.00022	-.00104	.00000	.00000
4.000	1.987	.33691	.08203	.30497	.16502	-.01423	-.02194	-.00079	-.00264	.00000	.00000
4.000	2.951	.33760	.08193	.30566	.16511	-.01468	-.03538	-.00051	-.00449	.00000	.00000
4.000	4.030	.33744	.08174	.30553	.16491	-.01488	-.05004	.00004	-.00654	.00000	.00000
4.000	6.013	.33752	.08191	.30556	.16511	-.01553	-.07695	-.00028	-.00988	.00000	.00000
	GRADIENT	.00014	.00001	.00013	.00005	.00008	-.01274	-.00020	-.00171	.00000	.00000

RUN NO. 128/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.31170	.07552	.28250	.15184	-.01459	.07498	.00168	.01004	.00000	.00000
4.500	-4.000	.31170	.07484	.28267	.15118	-.01405	.04933	.00084	.00708	.00000	.00000
4.500	-2.992	.31228	.07458	.28330	.15107	-.01431	.03712	.00091	.00545	.00000	.00000
4.500	-1.985	.31271	.07432	.28379	.15092	-.01422	.02288	.00136	.00333	.00000	.00000
4.500	-1.021	.31190	.07420	.28304	.15059	-.01412	.01090	.00132	.00162	.00000	.00000
4.500	.000	.31219	.07454	.28324	.15098	-.01366	.00057	.00036	.00040	.00000	.00000
4.500	.965	.31234	.07475	.28333	.15122	-.01421	-.00919	.00054	-.00085	.00000	.00000
4.500	1.987	.31346	.07467	.28443	.15143	-.01451	-.02093	-.00078	-.00244	.00000	.00000
4.500	2.970	.31342	.07467	.28439	.15142	-.01468	-.03381	-.00034	-.00431	.00000	.00000
4.500	4.011	.31301	.07495	.28392	.15161	-.01478	-.04729	.00026	-.00612	.00000	.00000
4.500	6.013	.31329	.07552	.28404	.15224	-.01550	-.07202	-.00074	-.00913	.00000	.00000
	GRADIENT	.00018	.00003	.00016	.00007	.00008	-.01181	-.00024	-.00161	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A025) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AIRLON
2.500	-13.213	.26366	.11788	.24035	.16014	.16014	-.01007	.00816	-.00450	.00000	.00000
2.500	-11.666	.26424	.11716	.24105	.15952	.15952	-.01098	.00728	-.00406	.00000	.00000
2.500	-9.964	.26238	.11645	.23934	.15848	.15848	-.01177	.00619	-.00333	.00000	.00000
2.500	-8.240	.26432	.11588	.24135	.15826	.15826	-.01246	.00529	-.00286	.00000	.00000
2.500	-6.577	.26483	.11529	.24196	.15775	.15775	-.00664	.00424	-.00233	.00000	.00000
2.500	-4.925	.26529	.11502	.24245	.15756	.15756	-.00445	.00312	-.00167	.00000	.00000
2.500	-3.254	.26389	.11469	.24114	.15700	.15700	-.00340	.00211	-.00101	.00000	.00000
2.500	-1.795	.26364	.11456	.24089	.15695	.15695	-.00178	.00125	-.00051	.00000	.00000
2.500	-.882	.26519	.11456	.24243	.15709	.15709	-.01410	.00074	-.00042	.00000	.00000
2.500	-.024	.26472	.11445	.24198	.15690	.15690	-.01402	.00016	.00006	.00000	.00000
2.500	.897	.26436	.11443	.24163	.15682	.15682	-.01402	-.00051	.00038	.00000	.00000
2.500	1.700	.26513	.11447	.24238	.15700	.15700	-.01401	-.00090	.00064	.00000	.00000
2.500	GRADIENT	.00003	-.00008	.00004	-.00008	-.00008	-.00006	-.00061	.00034	.00000	.00000

MACH	RUDDER	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AIRLON
3.500	-13.254	.20181	.09493	.18303	.12743	.12743	-.00574	.00699	-.00352	.00000	.00000
3.500	-11.671	.20295	.09419	.18428	.12689	.12689	-.00639	.00628	-.00311	.00000	.00000
3.500	-9.824	.20309	.09349	.18453	.12622	.12622	-.00737	.00540	-.00269	.00000	.00000
3.500	-8.269	.20353	.09296	.18506	.12577	.12577	-.00813	.00466	-.00222	.00000	.00000
3.500	-6.581	.20329	.09252	.18490	.12529	.12529	-.00863	.00376	-.00170	.00000	.00000
3.500	-4.906	.20309	.09195	.18481	.12469	.12469	-.00914	.00280	-.00118	.00000	.00000
3.500	-3.239	.20282	.09164	.18460	.12433	.12433	-.00943	.00192	-.00067	.00000	.00000
3.500	-1.821	.20410	.09167	.18585	.12458	.12458	-.00957	.00086	-.00030	.00000	.00000
3.500	-.887	.20344	.09151	.18523	.12431	.12431	-.00957	.00020	-.00004	.00000	.00000
3.500	.003	.20361	.09146	.18540	.12429	.12429	-.00960	.00023	-.00030	.00000	.00000
3.500	.886	.20412	.09147	.18590	.12440	.12440	-.00953	-.00041	.00065	.00000	.00000
3.500	1.619	.20346	.09147	.18524	.12428	.12428	-.00951	-.00073	.00081	.00000	.00000
3.500	GRADIENT	.00012	-.00007	.00013	-.00005	-.00005	-.00005	-.00055	.00031	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A025) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AIRLRN = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 122/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLRN
4.000	-13.209	.17955	.09009	.16201	.11877	-.00777	-.00751	.00616	-.00283	.00000	.00000
4.000	-11.653	.17961	.08937	.16219	.11807	-.00836	-.00691	.00556	-.00259	.00000	.00000
4.000	-9.940	.18086	.08878	.16353	.11770	-.00939	-.00519	.00475	-.00213	.00000	.00000
4.000	-8.240	.18095	.08815	.16373	.11708	-.00976	-.00402	.00414	-.00178	.00000	.00000
4.000	-6.574	.18110	.08754	.16398	.11648	-.01028	-.00266	.00331	-.00131	.00000	.00000
4.000	-4.910	.18081	.08682	.16383	.11572	-.01082	-.00118	.00245	-.00083	.00000	.00000
4.000	-3.269	.18100	.08601	.16417	.11492	-.01069	-.00015	.00173	-.00039	.00000	.00000
4.000	-1.747	.18035	.08549	.16363	.11429	-.01064	.00091	.00113	-.00005	.00000	.00000
4.000	-.853	.18046	.08536	.16376	.11417	-.01062	.00154	.00072	.00014	.00000	.00000
4.000	-.009	.18049	.08525	.16381	.11407	-.01072	.00215	.00025	.00039	.00000	.00000
4.000	.914	.18071	.08536	.16400	.11422	-.01052	.00344	-.00036	.00077	.00000	.00000
4.000	1.723	.18112	.08554	.16436	.11449	-.01056	.00374	-.00062	.00093	.00000	.00000
GRADIENT		.00000	-.00020	.00004	-.00020	.00004	.00076	-.00047	.00027	.00000	.00000

RUN NO. 131/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLRN
4.500	-13.213	.16631	.08278	.15009	.10946	-.00849	-.00851	.00548	-.00259	.00000	.00000
4.500	-11.666	.16588	.08201	.14980	.10863	-.00942	-.00751	.00489	-.00229	.00000	.00000
4.500	-9.857	.16692	.08132	.15094	.10812	-.01036	-.00625	.00418	-.00187	.00000	.00000
4.500	-8.251	.16744	.08101	.15151	.10791	-.01074	-.00495	.00364	-.00156	.00000	.00000
4.500	-6.577	.16753	.08052	.15168	.10744	-.01143	-.00398	.00285	-.00114	.00000	.00000
4.500	-4.925	.16813	.08013	.15233	.10715	-.01186	-.00230	.00211	-.00071	.00000	.00000
4.500	-3.209	.16824	.07984	.15253	.10689	-.01227	-.00118	.00138	-.00034	.00000	.00000
4.500	-1.747	.16835	.07972	.15261	.10680	-.01225	-.00070	.00093	-.00005	.00000	.00000
4.500	-.906	.16887	.07971	.15313	.10688	-.01219	.00007	.00056	.00015	.00000	.00000
4.500	-.006	.16847	.07970	.15273	.10680	-.01240	.00056	.00035	.00035	.00000	.00000
4.500	.907	.16859	.07970	.15285	.10683	-.01226	.00144	-.00040	.00065	.00000	.00000
4.500	1.717	.16864	.07979	.15288	.10693	-.01230	.00195	-.00062	.00082	.00000	.00000
GRADIENT		.00008	-.00005	.00009	-.00003	-.00005	.00063	-.00042	.00023	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.213	.44237	.11166	.39996	.21952	-.02011	-.01268	.00790	-.00418	.00000	.00000
2.500	-11.671	.44274	.11105	.40047	.21902	-.02100	-.01120	.00710	-.00371	.00000	.00000
2.500	-9.964	.44431	.11024	.40219	.21865	-.02208	-.00922	.00608	-.00317	.00000	.00000
2.500	-8.244	.44518	.10880	.40315	.21844	-.02271	-.00791	.00525	-.00263	.00000	.00000
2.500	-6.581	.44499	.10932	.40309	.21791	-.02336	-.00601	.00421	-.00218	.00000	.00000
2.500	-4.925	.44529	.10892	.40348	.21760	-.02382	-.00419	.00318	-.00158	.00000	.00000
2.500	-3.235	.44438	.10854	.40271	.21698	-.02420	-.00268	.00216	-.00049	.00000	.00000
2.500	-1.810	.44503	.10847	.40335	.21708	-.02421	-.00127	.00139	-.00028	.00000	.00000
2.500	-.826	.44684	.10835	.40511	.21746	-.02421	-.00034	.00096	-.00011	.00000	.00000
2.500	-.003	.44499	.10840	.40331	.21703	-.02427	.00055	.00036	.00011	.00000	.00000
2.500	.904	.44561	.10817	.40397	.21698	-.02421	.00176	-.00029	.00033	.00000	.00000
2.500	1.712	.44714	.10823	.40543	.21743	-.02435	.00253	-.00071	.00058	.00000	.00000
2.500	GRADIENT	.00025	-.00010	.00026	-.00003	-.00006	.00102	-.00058	.00032	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.268	.35745	.09098	.32281	.17844	-.00963	-.00950	.00634	-.00307	.00000	.00000
3.500	-11.676	.35784	.09031	.32337	.17788	-.01046	-.00827	.00569	-.00266	.00000	.00000
3.500	-9.820	.35787	.08964	.32356	.17723	-.01134	-.00695	.00486	-.00224	.00000	.00000
3.500	-8.244	.35876	.08922	.32454	.17705	-.01187	-.00571	.00425	-.00188	.00000	.00000
3.500	-6.589	.35852	.08872	.32444	.17649	-.01245	-.00429	.00340	-.00141	.00000	.00000
3.500	-4.910	.35865	.08834	.32465	.17616	-.01303	-.00299	.00255	-.00091	.00000	.00000
3.500	-3.235	.35957	.08814	.32560	.17620	-.01320	-.00146	.00177	-.00045	.00000	.00000
3.500	-1.739	.35930	.08793	.32539	.17591	-.01343	-.00041	.00117	-.00013	.00000	.00000
3.500	-.839	.35909	.08788	.32520	.17581	-.01342	.00025	.00076	.00008	.00000	.00000
3.500	-.006	.35869	.08769	.32486	.17554	-.01352	.00110	.00031	.00040	.00000	.00000
3.500	.883	.35888	.08779	.32502	.17568	-.01354	.00194	-.00028	.00068	.00000	.00000
3.500	1.683	.35889	.08779	.32503	.17567	-.01331	.00272	-.00057	.00087	.00000	.00000
3.500	GRADIENT	-.00003	-.00009	-.00000	-.00010	-.00006	.00085	-.00048	.00027	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A026) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 123/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.218	.32949	.08473	.29748	.16507	-.00997	-.00677	-.00554	.00554	.00554	-.00232	.00000	.00000
4.000	-11.685	.33033	.08414	.29844	.16472	-.01075	-.00582	.00500	.00500	.00500	-.00201	.00000	.00000
4.000	-9.929	.33000	.08341	.29832	.16391	-.01169	-.00433	.00428	.00428	.00428	-.00157	.00000	.00000
4.000	-8.265	.33047	.08301	.29887	.16364	-.01203	-.00350	.00371	.00371	.00371	-.00130	.00000	.00000
4.000	-6.574	.33056	.08259	.29906	.16325	-.01263	-.00224	.00296	.00296	.00296	-.00085	.00000	.00000
4.000	-4.917	.33106	.08227	.29963	.16306	-.01311	-.00086	.00223	.00223	.00223	-.00046	.00000	.00000
4.000	-3.265	.33121	.08203	.29984	.16287	-.01337	.00030	.00154	.00154	.00154	-.00006	.00000	.00000
4.000	-1.743	.33091	.08188	.29958	.16264	-.01350	.00113	.00098	.00098	.00098	.00022	.00000	.00000
4.000	-.834	.33101	.08180	.29970	.16259	-.01346	.00188	.00067	.00067	.00067	.00046	.00000	.00000
4.000	-.006	.33144	.08172	.30015	.16262	-.01355	.00239	.00023	.00023	.00023	.00067	.00000	.00000
4.000	.897	.33077	.08171	.29948	.16246	-.01355	.00323	-.00026	-.00026	-.00026	.00095	.00000	.00000
4.000	1.729	.33123	.08171	.29992	.16258	-.01349	.00389	-.00051	-.00051	-.00051	.00111	.00000	.00000
4.000	GRADIENT	.00000	-.00009	.00002	-.00008	-.00006	-.00071	-.00042	-.00042	-.00042	.00024	.00000	.00000

RUN NO. 129/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.232	.31063	.07697	.28110	.15297	-.01060	-.00684	.00475	.00475	.00475	-.00205	.00000	.00000
4.500	-11.694	.31063	.07647	.28122	.15248	-.01135	-.00637	.00430	.00430	.00430	-.00181	.00000	.00000
4.500	-9.853	.31115	.07588	.28188	.15204	-.01201	-.00522	.00374	.00374	.00374	-.00151	.00000	.00000
4.500	-8.262	.31170	.07559	.28248	.15189	-.01236	-.00432	.00329	.00329	.00329	-.00124	.00000	.00000
4.500	-6.585	.31179	.07511	.28269	.15144	-.01304	-.00319	.00262	.00262	.00262	-.00087	.00000	.00000
4.500	-4.925	.31237	.07490	.28331	.15140	-.01320	-.00205	.00203	.00203	.00203	-.00052	.00000	.00000
4.500	-3.228	.31203	.07454	.28307	.15095	-.01370	.00132	.00143	.00143	.00143	.00021	.00000	.00000
4.500	-1.761	.31256	.07452	.28359	.15107	-.01366	.00015	.00100	.00100	.00100	.00009	.00000	.00000
4.500	-.911	.31256	.07442	.28362	.15098	-.01371	-.00006	.00070	.00070	.00070	.00018	.00000	.00000
4.500	-.015	.31266	.07442	.28371	.15100	-.01379	.00085	.00035	.00035	.00035	.00044	.00000	.00000
4.500	.918	.31233	.07444	.28339	.15094	-.01375	.00161	-.00027	-.00027	-.00027	.00069	.00000	.00000
4.500	1.729	.31236	.07454	.28339	.15103	-.01366	.00185	.00079	.00079	.00079	.00079	.00000	.00000
4.500	GRADIENT	.00003	-.00005	.00004	-.00005	-.00005	.00061	-.00035	-.00035	-.00035	.00020	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 103/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.205	.63304	.10500	.56105	.31142	-.03060	-.01109	.00734	-.00399	.00000	.00000
2.500	-11.666	.63312	.10440	.56134	.31086	-.03149	-.00961	.00662	-.00355	.00000	.00000
2.500	-9.836	.63366	.10368	.56209	.31037	-.03250	-.00793	.00565	-.00305	.00000	.00000
2.500	-8.254	.63363	.10327	.56221	.30997	-.03288	-.00670	.00481	-.00248	.00000	.00000
2.500	-6.574	.63409	.10279	.56281	.30966	-.03362	-.00488	.00378	-.00188	.00000	.00000
2.500	-4.929	.63369	.10245	.56254	.30920	-.03413	-.00352	.00281	-.00137	.00000	.00000
2.500	-3.213	.63230	.10220	.56134	.30845	-.03433	-.00205	.00200	-.00078	.00000	.00000
2.500	-1.784	.63379	.10200	.56280	.30879	-.03469	-.00056	.00126	-.00054	.00000	.00000
2.500	-.863	.63302	.10199	.56208	.30851	-.03459	-.00028	.00069	-.00023	.00000	.00000
2.500	-.018	.63471	.10193	.56369	.30904	-.03480	.00120	.00034	.00003	.00000	.00000
2.500	.897	.63390	.10192	.56296	.30871	-.03481	.00169	-.00038	.00033	.00000	.00000
2.500	1.706	.63421	.10207	.56318	.30897	-.03494	.00272	-.00059	.00051	.00000	.00000
2.500	GRADIENT	.00017	-.00007	.00019	-.00001	-.00012	.00093	-.00054	.00028	.00000	.00000

RUN NO. 117/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.272	.53051	.08531	.47087	.25884	-.01758	-.00663	.00509	-.00227	.00000	.00000
3.500	-11.671	.53038	.08483	.47091	.25834	-.01819	-.00568	.00463	-.00198	.00000	.00000
3.500	-9.824	.53131	.08420	.47200	.25805	-.01911	-.00455	.00395	-.00160	.00000	.00000
3.500	-8.258	.53116	.08393	.47196	.25774	-.01953	-.00392	.00341	-.00134	.00000	.00000
3.500	-6.585	.53120	.08341	.47218	.25725	-.02027	-.00248	.00275	-.00092	.00000	.00000
3.500	-4.914	.53180	.08314	.47284	.25718	-.02053	-.00115	.00202	-.00049	.00000	.00000
3.500	-3.239	.53229	.08293	.47337	.25716	-.02077	-.00022	.00138	-.00017	.00000	.00000
3.500	-1.758	.53194	.08284	.47308	.25694	-.02106	.00053	.00089	.00012	.00000	.00000
3.500	-.877	.53163	.08285	.47279	.25684	-.02103	.00100	.00060	.00029	.00000	.00000
3.500	-.012	.53192	.08281	.47307	.25690	-.02102	.00156	.00022	.00047	.00000	.00000
3.500	.893	.53176	.08278	.47294	.25681	-.02111	.00252	-.00023	.00076	.00000	.00000
3.500	1.694	.53155	.08281	.47274	.25674	-.02096	.00300	-.00044	.00089	.00000	.00000
3.500	GRADIENT	-.00006	-.00005	-.00003	-.00007	-.00007	.00063	-.00038	.00021	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A027) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

PARAMETRIC DATA

RUN NO. 124/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.223	.50128	.07976	.44545	.24334	-.01645	-.00382	.00425	-.00145	.00000	.00000
4.000	-11.680	.50166	.07943	.44593	.24315	-.01686	-.00319	.00389	-.00124	.00000	.00000
4.000	-9.836	.50172	.07894	.44615	.24270	-.01752	-.00247	.00337	-.00100	.00000	.00000
4.000	-8.265	.50260	.07869	.44707	.24276	-.01793	-.00149	.00298	-.00073	.00000	.00000
4.000	-6.585	.50183	.07820	.44651	.24203	-.01852	-.00068	.00237	-.00040	.00000	.00000
4.000	-4.917	.50247	.07797	.44718	.24203	-.01876	-.00026	.00178	-.00006	.00000	.00000
4.000	-3.282	.50228	.07776	.44708	.24176	-.01910	.00133	.00126	.00020	.00000	.00000
4.000	-1.761	.50295	.07772	.44773	.24194	-.01906	.00207	.00087	.00049	.00000	.00000
4.000	-.906	.50220	.07757	.44708	.24154	-.01923	.00215	.00062	.00057	.00000	.00000
4.000	-.003	.50250	.07754	.44737	.24162	-.01939	.00291	.00033	.00073	.00000	.00000
4.000	.900	.50310	.07773	.44788	.24199	-.01913	.00377	-.00002	.00100	.00000	.00000
4.000	1.735	.50192	.07758	.44682	.24144	-.01908	.00374	-.00022	.00107	.00000	.00000
	GRADIENT	-.00001	-.00005	.00001	-.00005	-.00005	.00054	-.00030	.00017	.00000	.00000

RUN NO. 130/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.223	.47845	.07322	.42593	.22992	-.01673	-.00350	.00321	-.00105	.00000	.00000
4.500	-11.685	.47842	.07292	.42600	.22962	-.01731	-.00327	.00291	-.00097	.00000	.00000
4.500	-9.833	.47852	.07273	.42616	.22948	-.01740	-.00278	.00255	-.00074	.00000	.00000
4.500	-8.237	.47897	.07252	.42666	.22943	-.01772	-.00186	.00225	-.00052	.00000	.00000
4.500	-6.581	.47858	.07213	.42642	.22893	-.01834	-.00138	.00184	-.00032	.00000	.00000
4.500	-4.925	.47912	.07202	.42696	.22902	-.01856	-.00049	.00141	-.00002	.00000	.00000
4.500	-3.235	.47925	.07184	.42714	.22889	-.01853	-.00001	.00098	.00021	.00000	.00000
4.500	-1.754	.47929	.07174	.42721	.22881	-.01860	.00090	.00069	.00044	.00000	.00000
4.500	-.826	.47972	.07172	.42762	.22893	-.01864	.00114	.00044	.00055	.00000	.00000
4.500	-.015	.47931	.07164	.42727	.22871	-.01883	.00138	.00020	.00067	.00000	.00000
4.500	.911	.47993	.07165	.42785	.22894	-.01863	.00188	-.00012	.00084	.00000	.00000
4.500	1.723	.47903	.07157	.42704	.22855	-.01854	.00241	-.00021	.00094	.00000	.00000
	GRADIENT	.00004	-.00006	.00006	-.00005	-.00001	.00043	-.00025	.00014	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 132/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.452	-1.0929	.13331	-1.10349	.13786	.00803	-.00113	.00006	.00013	.00000	.00000
2.500	-4.497	-0.4911	.13055	-.04797	.13097	.00401	-.00066	.00004	.00015	.00000	.00000
2.500	1.532	.01199	.12897	.00854	.12925	-.00005	-.00072	.00008	.00000	.00000	.00000
2.500	3.598	.07186	.12616	.06380	.13042	-.00376	-.00043	.00022	.00015	.00000	.00000
2.500	4.515	.10118	.12340	.09115	.13098	-.00536	-.00002	.00018	.00009	.00000	.00000
2.500	5.578	.13334	.12085	.12097	.13323	-.00731	-.00030	.00020	.00007	.00000	.00000
2.500	7.580	.19645	.11829	.17913	.14317	-.01028	-.00056	.00020	.00010	.00000	.00000
2.500	9.566	.26300	.11593	.24008	.15802	-.01333	-.00003	.00025	.00012	.00000	.00000
2.500	11.527	.33406	.11392	.30455	.17838	-.01702	-.00024	.00028	.00001	.00000	.00000
2.500	12.616	.37239	.11262	.33880	.19124	-.01915	.00021	.00028	.00011	.00000	.00000
2.500	13.547	.40654	.11141	.36913	.20354	-.02117	.00018	.00036	.00020	.00000	.00000
2.500	14.582	.44552	.11013	.40344	.21875	-.02374	.00063	.00041	.00011	.00000	.00000
2.500	15.613	.48473	.10880	.43756	.23525	-.02590	.00046	.00046	.00003	.00000	.00000
2.500	16.547	.51852	.10764	.46639	.25085	-.02781	.00066	.00046	.00012	.00000	.00000
2.500	17.528	.55536	.10655	.49748	.26885	-.02993	.00085	.00050	.00023	.00000	.00000
2.500	19.554	.63342	.10355	.56224	.30958	-.03416	.00119	.00055	.00005	.00000	.00000
2.500	23.609	.79458	.09676	.68933	.40688	-.04577	.00185	.00006	.00005	.00000	.00000
2.500	24.539	.83356	.09528	.71870	.43286	-.04892	.00205	.00021	.00043	.00000	.00000
2.500	27.610	.96523	.09026	.81348	.52732	-.05946	.00305	.00023	.00043	.00000	.00000
2.500	31.629	1.14360	.08090	.93135	.66863	-.07096	.00324	.00071	.00044	.00000	.00000
	GRADIENT	.03004	-.00132	.02777	-.00084	-.00192	.00014	.00002	-.00001	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 149/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.367	-.10219	.11140	-.09750	.11553	-.01012	.00231	.00002	.00026	.00000	.00000
3.500	-.350	-.05708	.10780	-.05643	.10815	-.00932	.00257	.00008	.00028	.00000	.00000
3.500	1.586	-.00835	.10550	-.01145	.10521	-.00850	.00263	.00009	.00024	.00000	.00000
3.500	3.645	.03847	.10242	.03188	.10466	-.00778	.00276	.00008	.00037	.00000	.00000
3.500	4.627	.06410	.10050	.05579	.10335	-.00783	.00268	.00014	.00032	.00000	.00000
3.500	5.672	.09182	.09827	.08166	.10686	-.00806	.00281	.00014	.00029	.00000	.00000
3.500	7.607	.14527	.09542	.13136	.11381	-.00821	.00254	.00023	.00034	.00000	.00000
3.500	9.682	.20542	.09293	.18687	.12615	-.00865	.00231	.00032	.00035	.00000	.00000
3.500	11.620	.26407	.09161	.24020	.14292	-.00961	.00243	.00048	.00039	.00000	.00000
3.500	12.655	.29602	.09090	.26891	.15354	-.01036	.00237	.00045	.00042	.00000	.00000
3.500	13.622	.32687	.09025	.29642	.16469	-.01132	.00241	.00039	.00045	.00000	.00000
3.500	14.623	.35918	.08959	.32493	.17737	-.01265	.00246	.00040	.00051	.00000	.00000
3.500	15.596	.39186	.08864	.35360	.19073	-.01399	.00272	.00041	.00053	.00000	.00000
3.500	16.640	.42757	.08767	.38456	.20643	-.01549	.00265	.00038	.00057	.00000	.00000
3.500	17.640	.46141	.08678	.41341	.22253	-.01692	.00279	.00037	.00059	.00000	.00000
3.500	19.700	.53458	.08443	.47483	.25970	-.02041	.00298	.00042	.00065	.00000	.00000
3.500	23.654	.68442	.08139	.59426	.34915	-.02727	.00292	.00045	.00067	.00000	.00000
3.500	24.630	.72429	.08117	.62456	.37564	-.02885	.00294	.00047	.00066	.00000	.00000
3.500	27.695	.85395	.07944	.71920	.46722	-.03418	.00332	.00045	.00074	.00000	.00000
3.500	31.678	1.03590	.07319	.84312	.60628	-.04728	.00492	.00090	.00088	.00000	.00000
3.500	GRADIENT	.02376	-.00150	.02191	-.00139	.00035	.00005	.00001	.00001	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDRK = 55.000 RUDDER = .000

RUN NO. 158/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-2.380	-.10164	.10457	-.09721	.10870	-.01212	.00100	.00031	.00013	.00000	.00000
4.000	-.492	-.06210	.10087	-.06123	.10140	-.01168	.00136	.00023	.00022	.00000	.00000
4.000	1.500	-.01582	.09812	-.01855	.09764	-.01115	.00164	.00023	.00021	.00000	.00000
4.000	3.592	.02828	.09531	.02225	.09680	-.01026	.00181	.00018	.00023	.00000	.00000
4.000	4.591	.05168	.09376	.04401	.09760	-.01001	.00194	.00019	.00021	.00000	.00000
4.000	5.625	.07825	.09137	.06892	.09859	-.00999	.00173	.00019	.00021	.00000	.00000
4.000	7.573	.12935	.08879	.11652	.10506	-.01072	.00153	.00027	.00021	.00000	.00000
4.000	9.566	.18358	.08592	.16676	.11514	-.01038	.00136	.00036	.00026	.00000	.00000
4.000	11.529	.24059	.08476	.21880	.13113	-.01087	.00146	.00038	.00038	.00000	.00000
4.000	12.611	.27301	.08433	.24801	.14191	-.01137	.00163	.00039	.00036	.00000	.00000
4.000	13.554	.30191	.08362	.27390	.15204	-.01206	.00168	.00037	.00038	.00000	.00000
4.000	14.514	.33239	.08273	.30105	.16339	-.01297	.00184	.00034	.00046	.00000	.00000
4.000	15.557	.36708	.08179	.33170	.17725	-.01404	.00199	.00024	.00052	.00000	.00000
4.000	16.543	.39970	.08097	.36010	.19143	-.01522	.00204	.00028	.00054	.00000	.00000
4.000	17.518	.43279	.08008	.38861	.20664	-.01620	.00198	.00038	.00053	.00000	.00000
4.000	19.606	.50739	.07838	.45168	.24409	-.01873	.00228	.00028	.00057	.00000	.00000
4.000	23.560	.65687	.07577	.57183	.33201	-.02408	.00258	.00041	.00060	.00000	.00000
4.000	24.657	.70150	.07563	.60599	.36139	-.02560	.00248	.00040	.00054	.00000	.00000
4.000	27.543	.82314	.07470	.69531	.44687	-.03086	.00309	.00025	.00068	.00000	.00000
4.000	31.661	1.00920	.06926	.82261	.58865	-.04320	.00375	.00032	.00074	.00000	.00000
4.000	GRADIENT	.02200	-.00151	.02027	-.00153	.00031	.00013	-.00002	.00001	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A028) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 170/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.381	-.10431	.10174	-.09999	.10598	-.01579	.00047	.00017	.00007	.00000	.00000
4.500	-.374	-.06326	.09777	-.06262	.09775	-.01423	.00051	.00017	.00008	.00000	.00000
4.500	1.573	-.02178	.09360	-.02435	.09297	-.01317	.00095	.00013	.00014	.00000	.00000
4.500	3.604	.02070	.09040	.01498	.09152	-.01165	.00104	.00010	.00016	.00000	.00000
4.500	4.711	.04665	.08790	.03927	.09144	-.01136	.00092	.00013	.00014	.00000	.00000
4.500	5.658	.06887	.08587	.06007	.09224	-.01154	.00147	.00010	.00024	.00000	.00000
4.500	7.615	.11756	.08323	.10549	.09808	-.01162	.00149	.00008	.00028	.00000	.00000
4.500	9.617	.16905	.08080	.15317	.10791	-.01151	.00124	.00011	.00029	.00000	.00000
4.500	11.660	.22460	.07745	.20431	.12124	-.01171	.00070	.00036	.00020	.00000	.00000
4.500	12.633	.26339	.07713	.23039	.13068	-.01204	.00089	.00036	.00027	.00000	.00000
4.500	13.652	.28395	.07652	.25786	.14138	-.01259	.00095	.00043	.00025	.00000	.00000
4.500	14.574	.31233	.07584	.28320	.15200	-.01296	.00127	.00035	.00031	.00000	.00000
4.500	15.604	.34485	.07526	.31189	.16525	-.01378	.00144	.00023	.00040	.00000	.00000
4.500	16.603	.37831	.07466	.34121	.17965	-.01472	.00149	.00019	.00044	.00000	.00000
4.500	17.660	.41285	.07400	.37095	.19576	-.01577	.00166	.00016	.00050	.00000	.00000
4.500	19.594	.47923	.07321	.42692	.22968	-.01792	.00187	.00013	.00054	.00000	.00000
4.500	23.634	.62961	.07112	.54829	.31756	-.02449	.00255	.00004	.00071	.00000	.00000
4.500	24.630	.66801	.07136	.57749	.34326	-.02617	.00258	.00003	.00067	.00000	.00000
4.500	27.590	.78904	.07065	.66659	.42806	-.03244	.00289	.00008	.00075	.00000	.00000
4.500	31.721	.96999	.06543	.79069	.56566	-.04821	.00318	.00006	.00088	.00000	.00000
4.500	GRADIENT	.02121	-.00190	.01957	-.00199	.00064	.00008	-.00001	.00001	.00000	.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 5.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

RUN NO. 133/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.10942	.12183	.09930	.13020	-.01117	.10673	-.00589	.00783	.00000	.00000
2.500	-4.000	.10578	.12349	.09555	.13157	-.00788	.06771	-.00271	.00490	.00000	.00000
2.500	-3.011	.10469	.12393	.09463	.13194	-.00698	.05051	-.00176	.00355	.00000	.00000
2.500	-1.985	.10606	.12367	.09581	.13177	-.00625	.03141	-.00051	.00207	.00000	.00000
2.500	-1.002	.10426	.12375	.09402	.13170	-.00572	.01555	-.00013	.00112	.00000	.00000
2.500	.000	.10498	.12288	.09484	.13087	-.00564	-.00055	.00017	.00003	.00000	.00000
2.500	.984	.10362	.12441	.09333	.13231	-.00596	-.01567	.00046	-.00081	.00000	.00000
2.500	1.968	.10474	.12492	.09438	.13293	-.00661	-.03173	.00100	-.00202	.00000	.00000
2.500	2.970	.10529	.12519	.09490	.13323	-.00763	-.05029	.00234	-.00340	.00000	.00000
2.500	4.011	.10617	.12506	.09580	.13318	-.00870	-.06885	.00354	-.00478	.00000	.00000
2.500	6.013	.10924	.12400	.09895	.13236	-.01216	-.10700	.00665	-.00751	.00000	.00000
2.500	GRADIENT	-.00001	.00022	-.00003	.00022	-.00010	-.01681	.00068	-.00117	.00000	.00000

RUN NO. 150/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.06945	.09981	.06115	.10510	-.01217	.09837	-.00492	.00753	.00000	.00000
3.500	-4.019	.06715	.10052	.05880	.10562	-.01044	.06383	-.00248	.00483	.00000	.00000
3.500	-2.992	.06640	.10065	.05804	.10569	-.00924	.04745	-.00155	.00357	.00000	.00000
3.500	-1.985	.06560	.10032	.05727	.10530	-.00877	.03165	-.00076	.00240	.00000	.00000
3.500	-1.002	.06450	.10037	.05617	.10526	-.00804	.01635	-.00021	.00130	.00000	.00000
3.500	.019	.06445	.10058	.05609	.10546	-.00790	.00154	.00016	.00024	.00000	.00000
3.500	1.965	.06431	.10105	.05592	.10592	-.00803	-.01253	.00055	-.00088	.00000	.00000
3.500	3.007	.06522	.10093	.05686	.10567	-.00895	-.02723	.00098	-.00189	.00000	.00000
3.500	4.011	.06570	.10124	.05635	.10611	-.00937	-.04435	.00196	-.00317	.00000	.00000
3.500	5.995	.06555	.10141	.05722	.10633	-.01036	-.06104	.00293	-.00440	.00000	.00000
3.500	GRADIENT	-.00021	.00012	-.00021	.00010	-.00001	-.01536	.00061	-.00113	.00000	.00000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 5.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

RUN NO. 159/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 RUN NO. 171/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	0.05474	.09319	.04711	-.01323	.09242	-.00382	.00670	.00000	.00000	.00000
4.000	-5.982	.09290	.04658	-.01214	.06038	-.00191	.00430	.00000	.00000	.00000
4.000	-3.981	.09299	.04497	-.01111	.04588	-.00122	.00321	.00000	.00000	.00000
4.000	-3.011	.05258	.04453	-.01073	.03046	-.00056	.00210	.00000	.00000	.00000
4.000	-1.985	.05211	.04329	-.00993	.01604	-.00008	.00108	.00000	.00000	.00000
4.000	-1.021	.09317	.04325	-.00970	.00161	-.00023	.00014	.00000	.00000	.00000
4.000	.000	.09356	.04357	-.00965	-.01247	.00071	-.00083	.00000	.00000	.00000
4.000	.984	.09376	.04384	-.01062	-.02621	.00104	-.00174	.00000	.00000	.00000
4.000	1.968	.09350	.04487	-.01094	-.04210	.00177	-.00294	.00000	.00000	.00000
4.000	2.988	.09369	.04487	-.01169	-.05741	.00244	-.00407	.00000	.00000	.00000
4.000	4.011	.05315	.04545	-.01312	-.08946	.00430	-.00641	.00000	.00000	.00000
4.000	5.995	.05437	.04663	-.01312	-.08946	.00430	-.00641	.00000	.00000	.00000
4.000	GRADIENT	-.00009	-.00010	.00005	-.01465	.00051	-.00103	.00000	.00000	.00000

MACH	BETA	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.04871	.08840	.04134	-.01419	.08703	-.00259	.00608	.00000	.00000
4.500	-4.019	.04772	.08761	.04042	-.01313	.05640	-.00126	.00400	.00000	.00000
4.500	-2.992	.04726	.08742	.03998	-.01236	.04198	-.00072	.00301	.00000	.00000
4.500	-1.966	.04627	.08741	.03900	-.01199	.02765	-.00038	.00202	.00000	.00000
4.500	-1.002	.04579	.08797	.03847	-.01133	.01431	-.00005	.00109	.00000	.00000
4.500	.019	.04573	.08803	.03840	-.01137	.00078	.00017	.00016	.00000	.00000
4.500	.984	.04570	.08819	.03836	-.01158	-.01140	.00008	-.00059	.00000	.00000
4.500	2.006	.04606	.08783	.03875	-.01238	-.00042	.00042	-.00150	.00000	.00000
4.500	2.988	.04734	.08796	.04002	-.01285	-.03906	.00092	-.00251	.00000	.00000
4.500	4.068	.04769	.08836	.04034	-.01342	-.05459	.00156	-.00357	.00000	.00000
4.500	5.995	.04790	.08946	.04045	-.01425	-.08326	.00309	-.00562	.00000	.00000
4.500	GRADIENT	-.00001	.00009	-.00001	-.01360	.00030	-.00092	.00000	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A030) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 134/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.27127	.11546	.24825	.15903	-.01892	.09881	-.00243	.00965	.00000	.00000
2.500	-4.000	.26933	.11685	.24610	.16009	-.01566	.06313	-.00048	.00568	.00000	.00000
2.500	-3.011	.26771	.11637	.24459	.15933	-.01515	.04791	-.00033	.00439	.00000	.00000
2.500	-1.985	.26812	.11536	.24516	.15840	-.01451	.03184	-.00014	.00288	.00000	.00000
2.500	-1.002	.26639	.11529	.24348	.15803	-.01359	.01586	.00020	.00141	.00000	.00000
2.500	-.019	.26514	.11592	.24215	.15842	-.01340	.00036	.00020	.00005	.00000	.00000
2.500	.984	.26615	.11596	.24313	.15865	-.01380	-.01452	.00029	-.00130	.00000	.00000
2.500	1.987	.26826	.11632	.24514	.15938	-.01438	-.03020	.00067	-.00276	.00000	.00000
2.500	2.970	.26842	.11743	.24511	.16051	-.01511	-.04644	.00086	-.00417	.00000	.00000
2.500	3.992	.27005	.11792	.24661	.16129	-.01585	-.06215	.00109	-.00563	.00000	.00000
2.500	6.013	.27215	.11697	.24882	.16074	-.01877	-.09804	.00306	-.00931	.00000	.00000
	GRADIENT	.00009	.00017	.00005	.00018	-.00001	-.01569	.00019	-.00142	.00000	.00000

RUN NO. 151/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.20752	.09325	.18889	.12681	-.01346	.09270	-.00355	.00995	.00000	.00000
3.500	-4.000	.20612	.09371	.18743	.12702	-.01109	.05961	-.00130	.00614	.00000	.00000
3.500	-2.992	.20562	.09369	.18696	.12690	-.00992	.04344	-.00010	.00427	.00000	.00000
3.500	-1.985	.20437	.09348	.18576	.12648	-.00927	.02963	-.00009	.00300	.00000	.00000
3.500	-1.039	.20487	.09325	.18629	.12634	-.00893	.01558	.00026	.00163	.00000	.00000
3.500	-.019	.20540	.09319	.18683	.12637	-.00892	.00138	.00032	.00025	.00000	.00000
3.500	.984	.20517	.09334	.18668	.12646	-.00881	-.01240	.00071	-.00111	.00000	.00000
3.500	1.987	.20598	.09351	.18735	.12678	-.00932	-.02636	.00071	-.00251	.00000	.00000
3.500	2.988	.20575	.09383	.18707	.12705	-.00968	-.04067	.00082	-.00379	.00000	.00000
3.500	4.011	.20678	.09390	.18805	.12732	-.01072	-.05713	.00178	-.00560	.00000	.00000
3.500	5.995	.20926	.09507	.19027	.12895	-.01325	-.08934	.00410	-.00941	.00000	.00000
	GRADIENT	.00011	.00002	.00011	.00004	.00004	-.01433	.00028	-.00142	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 160/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.18648	.08710	.16928	.11707	-.01368	.08860	-.00293	.00940	.00000	.00000
4.000	-4.000	.18637	.08696	.16920	.11691	-.01259	.05773	-.00144	.00615	.00000	.00000
4.000	-3.011	.18604	.08682	.16890	.11672	-.01173	.04208	-.00024	.00428	.00000	.00000
4.000	-1.985	.18504	.08658	.16795	.11635	-.01094	.02793	.00017	.00146	.00000	.00000
4.000	-1.021	.18490	.08658	.16782	.11627	-.01029	.01443	.00033	.00146	.00000	.00000
4.000	.000	.18400	.08613	.16704	.11563	-.01004	.00124	.00030	.00023	.00000	.00000
4.000	.965	.18412	.08691	.16700	.11646	-.01045	-.01102	.00022	-.00100	.00000	.00000
4.000	1.987	.18467	.08714	.16748	.11681	-.01085	-.02430	.00038	-.00229	.00000	.00000
4.000	2.970	.18534	.08764	.16825	.11746	-.01129	-.03834	.00076	-.00377	.00000	.00000
4.000	4.011	.18665	.08795	.16929	.11796	-.01222	-.05458	.00196	-.00564	.00000	.00000
4.000	6.032	.18706	.08844	.16960	.11853	-.01363	-.08533	.00344	-.00891	.00000	.00000
4.000	GRADIENT	-.00003	.00013	-.00006	.00013	.00005	-.01369	.00028	-.00140	.00000	.00000

RUN NO. 172/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.17126	.08199	.15513	.10950	-.01320	.08205	-.00179	.00858	.00000	.00000
4.500	-4.000	.17129	.08141	.15525	.10892	-.01292	.05304	-.00106	.00579	.00000	.00000
4.500	-3.011	.17147	.08141	.15543	.10895	-.01265	.03926	-.00010	.00419	.00000	.00000
4.500	-1.985	.17073	.08141	.15470	.10883	-.01233	.02500	.00045	.00266	.00000	.00000
4.500	-1.021	.17011	.08152	.15406	.10884	-.01173	.01301	.00046	.00142	.00000	.00000
4.500	.000	.16994	.08143	.15391	.10873	-.01171	.00138	.00011	.00028	.00000	.00000
4.500	.965	.16981	.08146	.15379	.10872	-.01185	-.00931	-.00034	-.00071	.00000	.00000
4.500	2.006	.17003	.08126	.15403	.10856	-.01211	-.02210	-.00016	-.00207	.00000	.00000
4.500	2.970	.17064	.08170	.15456	.10909	-.01264	-.03580	.00046	-.00356	.00000	.00000
4.500	4.030	.17073	.08212	.15458	.10953	-.01297	-.05137	.00149	-.00528	.00000	.00000
4.500	6.013	.17072	.08274	.15447	.11013	-.01352	-.07886	.00223	-.00797	.00000	.00000
4.500	GRADIENT	-.00011	.00006	-.00011	.00004	.00000	-.01265	.00016	-.00132	.00000	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A031) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 135/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.45024	.10818	.40847	.21813	-.02996	.09377	.00102	.01155	.00000	.00000
2.500	-4.000	.44820	.11080	.40582	.22016	-.02658	.05715	.00292	.00678	.00000	.00000
2.500	-3.011	.44546	.11127	.40305	.21993	-.02474	.04355	.00213	.00523	.00000	.00000
2.500	-1.985	.44763	.11090	.40524	.22013	-.02439	.02888	.00171	.00341	.00000	.00000
2.500	-1.021	.44733	.11002	.40516	.21923	-.02400	.01459	.00111	.00154	.00000	.00000
2.500	-.019	.44701	.10999	.40485	.21913	-.02387	.00024	.00036	.00006	.00000	.00000
2.500	.965	.44649	.10977	.40440	.21878	-.02373	-.01346	-.00021	-.00146	.00000	.00000
2.500	1.987	.44936	.11061	.40695	.22034	-.02434	-.02684	-.00087	-.00317	.00000	.00000
2.500	2.970	.44832	.11149	.40574	.22089	-.02454	-.04153	-.00119	-.00494	.00000	.00000
2.500	4.011	.44994	.11137	.40734	.22118	-.02570	-.05599	-.00206	-.00659	.00000	.00000
2.500	6.013	.45156	.10892	.40955	.21918	-.02920	-.09105	-.00065	-.01107	.00000	.00000
2.500	GRADIENT	.00030	.00004	.00028	.00012	.00007	-.01414	-.00061	-.00167	.00000	.00000

RUN NO. 152/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.36063	.08877	.32638	.17723	-.01634	.08698	-.00016	.01180	.00000	.00000
3.500	-4.000	.36090	.08880	.32663	.17733	-.01509	.05655	.00044	.00776	.00000	.00000
3.500	-3.011	.36079	.08928	.32640	.17777	-.01432	.04146	.00110	.00555	.00000	.00000
3.500	-1.966	.36135	.08998	.32676	.17859	-.01339	.02590	.00141	.00326	.00000	.00000
3.500	-1.021	.36076	.08994	.32621	.17840	-.01331	.01452	.00078	.00199	.00000	.00000
3.500	.000	.36164	.08987	.32708	.17855	-.01288	.00174	.00037	.00036	.00000	.00000
3.500	.965	.36205	.08967	.32752	.17847	-.01314	-.01085	-.00008	-.00116	.00000	.00000
3.500	1.987	.36163	.08988	.32705	.17857	-.01317	-.02342	-.00042	-.00272	.00000	.00000
3.500	2.970	.36190	.08961	.32738	.17838	-.01354	-.03667	-.00055	-.00456	.00000	.00000
3.500	3.992	.36277	.08903	.32836	.17806	-.01440	-.05267	-.00036	-.00694	.00000	.00000
3.500	6.013	.36338	.08904	.32895	.17823	-.01619	-.08309	.00100	-.01109	.00000	.00000
3.500	GRADIENT	.00021	.00002	.00020	.00008	.00009	-.01330	-.00016	-.00174	.00000	.00000

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A031) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 161/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.33317	.08316	.30150	.16436	-.01573	.08251	.00082	.01095	.00000	.00000
4.000	-4.000	.33324	.08299	.30161	.16421	-.01490	.05453	.00046	.00747	.00000	.00000
4.000	-2.992	.33323	.08295	.30162	.16417	-.01460	.03983	.00084	.00552	.00000	.00000
4.000	-1.985	.33329	.08326	.30160	.16447	-.01404	.02574	.00137	.00351	.00000	.00000
4.000	-1.021	.33342	.08337	.30169	.16462	-.01350	.01411	.00072	.00209	.00000	.00000
4.000	-.019	.33310	.08327	.30141	.16444	-.01304	.00194	.00021	.00047	.00000	.00000
4.000	.984	.33350	.08322	.30181	.16449	-.01330	-.01057	-.00019	-.00127	.00000	.00000
4.000	1.968	.33316	.08331	.30146	.16450	-.01360	-.02171	-.00068	-.00267	.00000	.00000
4.000	2.970	.33441	.08325	.30268	.16477	-.01393	-.03596	-.00032	-.00461	.00000	.00000
4.000	4.011	.33457	.08320	.30282	.16479	-.01431	-.05108	.00028	-.00677	.00000	.00000
4.000	6.013	.33460	.08321	.30285	.16482	-.01516	-.07858	.00003	-.01025	.00000	.00000
GRADIENT		.00015	.00003	.00013	.00007	.00009	-.01286	-.00015	-.00172	.00000	.00000

RUN NO. 173/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.31374	.07712	.28407	.15391	-.01440	.07557	.00147	.01008	.00000	.00000
4.500	-4.000	.31372	.07655	.28419	.15334	-.01370	.04986	.00073	.00705	.00000	.00000
4.500	-3.011	.31430	.07639	.28480	.15333	-.01383	.03750	.00081	.00536	.00000	.00000
GRADIENT		.00059	-.00016	.00062	-.00001	-.00013	-.01250	.00009	-.00171	.00000	.00000

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 OF POOR QUALITY

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A032) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 137/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.213	.10283	.12776	.09225	-.00178	.13560	-.00178	-.01476	.00869	-.00487	.00000	.00000
2.500	-11.689	.10351	.12693	.09300	-.00266	.13482	-.00266	-.01294	.00775	-.00429	.00000	.00000
2.500	-9.953	.10313	.12610	.09269	-.00372	.13396	-.00372	-.01083	.00659	-.00356	.00000	.00000
2.500	-8.248	.10355	.12559	.09316	-.00422	.13348	-.00422	-.00930	.00567	-.00304	.00000	.00000
2.500	-6.581	.10398	.12499	.09364	-.00499	.13291	-.00499	-.00728	.00445	-.00239	.00000	.00000
2.500	-4.910	.10398	.12463	.09368	-.00555	.13254	-.00555	-.00518	.00326	-.00167	.00000	.00000
2.500	-3.279	.10469	.12395	.09446	-.00580	.13191	-.00580	-.00345	.00216	-.00109	.00000	.00000
2.500	-1.761	.10324	.12379	.09304	-.00572	.13114	-.00572	-.00114	.00080	-.00056	.00000	.00000
2.500	-.848	.10436	.12322	.09421	-.00569	.13114	-.00569	.00007	.00022	-.00006	.00000	.00000
2.500	.025	.10428	.12304	.09415	-.00569	.13095	-.00569	.00015	-.00059	.00059	.00000	.00000
2.500	.897	.10394	.12318	.09380	-.00564	.13107	-.00564	.00200	-.00104	.00082	.00000	.00000
2.500	1.688	.10382	.12333	.09365	-.00559	.13122	-.00559	.00109	-.00065	.00038	.00000	.00000
2.500	GRADIENT	-.00003	-.00022	-.00001	.00000	-.00022	.00000	.00109	-.00065	.00038	.00000	.00000

RUN NO. 153/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.272	.06228	.10452	.05366	-.00429	.10920	-.00429	-.00978	.00708	-.00357	.00000	.00000
3.500	-11.662	.06272	.10381	.05416	-.00505	.10852	-.00505	-.00855	.00632	-.00320	.00000	.00000
3.500	-9.853	.06317	.10297	.05467	-.00596	.10772	-.00596	-.00705	.00537	-.00268	.00000	.00000
3.500	-8.248	.06289	.10247	.05444	-.00661	.10720	-.00661	-.00592	.00464	-.00230	.00000	.00000
3.500	-6.599	.06377	.10190	.05536	-.00723	.10670	-.00723	-.00401	.00363	-.00173	.00000	.00000
3.500	-4.910	.06359	.10155	.05521	-.00765	.10634	-.00765	-.00231	.00262	-.00116	.00000	.00000
3.500	-3.272	.06409	.10138	.05573	-.00793	.10621	-.00793	-.00080	.00171	-.00066	.00000	.00000
3.500	-1.817	.06387	.10102	.05554	-.00798	.10583	-.00798	.00004	.00112	-.00030	.00000	.00000
3.500	-.892	.06361	.10097	.05529	-.00799	.10576	-.00799	.00089	.00063	-.00003	.00000	.00000
3.500	-.034	.06374	.10099	.05541	-.00811	.10576	-.00811	.00205	.00008	.00031	.00000	.00000
3.500	.921	.06351	.10106	.05518	-.00794	.10584	-.00794	.00299	-.00035	.00064	.00000	.00000
3.500	1.660	.06359	.10122	.05524	-.00801	.10601	-.00801	.00376	-.00093	.00085	.00000	.00000
3.500	GRADIENT	-.00004	-.00006	-.00003	-.00007	-.00007	-.00007	.00092	-.00054	.00031	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0 ALPHA = 5.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0 AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0 SPDBRK = 55.000 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 162/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.227	.04832	.09692	.04040	.10049	-.00623	-.00930	.00644	-.00334	.00000	.00000
4.000	-11.680	.04839	.09633	.04050	.09990	-.00704	-.00779	.00576	-.00294	.00000	.00000
4.000	-9.800	.04890	.09563	.04108	.09924	-.00780	-.00644	.00484	-.00248	.00000	.00000
4.000	-8.220	.04937	.09512	.04159	.09877	-.00838	-.00515	.00419	-.00211	.00000	.00000
4.000	-6.574	.04952	.09472	.04177	.09838	-.00890	-.00356	.00333	-.00158	.00000	.00000
4.000	-4.903	.04968	.09434	.04196	.09801	-.00921	-.00220	.00242	-.00111	.00000	.00000
4.000	-3.275	.04942	.09409	.04172	.09775	-.00938	-.00117	.00167	-.00070	.00000	.00000
4.000	-1.769	.04998	.09386	.04229	.09757	-.00943	.00045	.00100	-.00025	.00000	.00000
4.000	-.829	.04963	.09385	.04195	.09753	-.00950	.00086	.00061	-.00009	.00000	.00000
4.000	-.021	.05010	.09383	.04243	.09754	-.00960	.00159	.00012	.00017	.00000	.00000
4.000	.914	.04987	.09386	.04219	.09756	-.00952	.00287	-.00053	.00056	.00000	.00000
4.000	1.723	.04953	.09392	.04184	.09759	-.00948	.00351	-.00085	.00075	.00000	.00000
4.000	GRADIENT	.00002	-.00006	.00003	-.00006	-.00004	.00087	-.00050	.00028	.00000	.00000

RUN NO. 166/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-11.676	.04355	.08952	.03617	.09275	-.00892	-.00753	.00511	-.00264	.00000	.00000
4.500	-9.833	.04413	.08886	.03681	.09213	-.00962	-.00614	.00433	-.00219	.00000	.00000
4.500	-8.433	.04373	.08854	.03643	.09179	-.01000	-.00525	.00382	-.00189	.00000	.00000
4.500	-8.227	.04421	.08846	.03692	.09174	-.01001	-.00512	.00375	-.00187	.00000	.00000
4.500	-6.581	.04432	.08807	.03706	.09136	-.01058	-.00387	.00296	-.00144	.00000	.00000
4.500	-4.896	.04494	.08778	.03770	.09113	-.01087	-.00234	.00220	-.00098	.00000	.00000
4.500	-3.265	.04506	.08748	.03785	.09083	-.01116	-.00108	.00147	-.00056	.00000	.00000
4.500	-1.806	.04470	.08738	.03749	.09071	-.01129	.00021	.00088	-.00022	.00000	.00000
4.500	-.848	.04475	.08734	.03755	.09067	-.01123	.00029	.00050	-.00004	.00000	.00000
4.500	-.024	.04478	.08738	.03758	.09071	-.01130	.00133	.00011	.00017	.00000	.00000
4.500	.914	.04489	.08735	.03759	.09070	-.01129	.00234	-.00047	.00069	.00000	.00000
4.500	1.723	.04495	.08740	.03774	.09075	-.01121	.00271	-.00073	.00025	.00000	.00000
4.500	GRADIENT	-.00001	-.00005	-.00001	-.00005	-.00005	.00077	-.00045	.00025	.00000	.00000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A033) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.253	.26448	.11929	.24098	.16158	-.00930	-.01375	.00829	-.00454	.00000	.00000
2.500	-11.689	.26438	.11855	.24101	.16082	-.01014	-.01213	.00740	-.00403	.00000	.00000
2.500	-9.988	.26516	.11758	.24194	.15999	-.01111	-.00994	.00629	-.00344	.00000	.00000
2.500	-8.251	.26493	.11722	.24178	.15958	-.01174	-.00879	.00545	-.00291	.00000	.00000
2.500	-6.581	.26602	.11674	.24294	.15929	-.01234	-.00629	.00430	-.00231	.00000	.00000
2.500	-4.917	.26455	.11635	.24157	.15864	-.01283	-.00465	.00319	-.00164	.00000	.00000
2.500	-3.275	.26532	.11610	.24237	.15853	-.01305	-.00261	.00216	-.00102	.00000	.00000
2.500	-1.758	.26505	.11588	.24214	.15827	-.01337	-.00160	.00128	-.00063	.00000	.00000
2.500	-.906	.26589	.11585	.24298	.15838	-.01340	-.00038	.00086	-.00025	.00000	.00000
2.500	-.006	.26492	.11584	.24202	.15820	-.01325	.00044	.00025	-.00009	.00000	.00000
2.500	.897	.26534	.11574	.24246	.15817	-.01326	.00154	-.00050	.00052	.00000	.00000
2.500	1.677	.26432	.11583	.24144	.15809	-.01320	.00255	-.00089	.00076	.00000	.00000
	GRADIENT	-.00000	-.00008	.00001	-.00008	-.00006	.00106	-.00062	.00036	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.268	.20366	.09674	.18453	.12955	-.00497	-.00994	.00713	-.00354	.00000	.00000
3.500	-11.653	.20440	.09599	.18540	.12892	-.00591	-.00861	.00641	-.00312	.00000	.00000
3.500	-9.860	.20449	.09519	.18563	.12814	-.00672	-.00720	.00547	-.00264	.00000	.00000
3.500	-8.254	.20497	.09468	.18618	.12772	-.00727	-.00587	.00475	-.00222	.00000	.00000
3.500	-6.592	.20472	.09415	.18603	.12716	-.00788	-.00427	.00380	-.00166	.00000	.00000
3.500	-4.899	.20533	.09368	.18670	.12680	-.00830	-.00256	.00283	-.00111	.00000	.00000
3.500	-3.228	.20473	.09345	.18615	.12647	-.00859	-.00126	.00193	-.00062	.00000	.00000
3.500	-1.739	.20487	.09324	.18633	.12628	-.00884	.00007	.00123	-.00021	.00000	.00000
3.500	-.844	.20536	.09319	.18682	.12632	-.00893	.00084	.00083	-.00000	.00000	.00000
3.500	-.024	.20546	.09318	.18692	.12633	-.00894	.00168	.00028	.00033	.00000	.00000
3.500	.921	.20485	.09318	.18631	.12623	-.00869	.00261	-.00038	.00064	.00000	.00000
3.500	1.636	.20530	.09310	.18676	.12623	-.00867	.00349	-.00073	.00068	.00000	.00000
	GRADIENT	.00002	-.00008	.00003	-.00008	-.00006	.00092	-.00054	.00030	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 163/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.218	.18137	.09122	.16358	.12024	-.00717	-.00864	.00630	-.00316	.00000	.00000
4.000	-11.666	.18264	.09056	.11980	.11920	-.00786	-.00736	.00565	-.00279	.00000	.00000
4.000	-10.188	.18234	.09001	.16474	.11920	-.00856	-.00643	.00497	-.00244	.00000	.00000
4.000	-9.812	.18232	.08977	.16477	.11895	-.00871	-.00622	.00480	-.00240	.00000	.00000
4.000	-6.585	.18256	.08857	.16522	.11780	-.00983	-.00358	.00335	-.00148	.00000	.00000
4.000	-4.910	.18269	.08802	.16545	.11727	-.01015	-.00188	.00244	-.00098	.00000	.00000
4.000	-3.269	.18248	.08714	.16541	.11633	-.01003	-.00096	.00171	-.00058	.00000	.00000
4.000	-1.769	.18224	.08662	.16527	.11576	-.01008	.00010	.00110	-.00019	.00000	.00000
4.000	-.868	.18234	.08648	.16539	.11564	-.01006	.00062	.00074	-.00002	.00000	.00000
4.000	-.021	.18246	.08641	.16552	.11559	-.01005	.00135	.00025	.00024	.00000	.00000
4.000	.900	.18219	.08641	.16525	.11554	-.00997	.00275	-.00037	.00064	.00000	.00000
4.000	1.712	.18222	.08638	.16528	.11553	-.00982	.00304	-.00069	.00080	.00000	.00000
4.000	GRADIENT	-.00006	-.00024	-.00002	-.00025	.00004	.00077	-.00048	.00027	.00000	.00000

RUN NO. 167/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.227	.16731	.08384	.15095	.11061	-.00770	-.00807	.00554	-.00277	.00000	.00000
4.500	-11.680	.16781	.08315	.15157	.11001	-.00848	-.00692	.00496	-.00244	.00000	.00000
4.500	-9.816	.16838	.08247	.15224	.10943	-.00931	-.00553	.00420	-.00201	.00000	.00000
4.500	-8.209	.16846	.08199	.15240	.10898	-.00983	-.00466	.00362	-.00172	.00000	.00000
4.500	-6.577	.16857	.08150	.15259	.10851	-.01053	-.00341	.00285	-.00129	.00000	.00000
4.500	-4.893	.16866	.08120	.15273	.10823	-.01096	-.00189	.00203	-.00085	.00000	.00000
4.500	-3.231	.16927	.08100	.15336	.10813	-.01124	-.00063	.00133	-.00043	.00000	.00000
4.500	-1.776	.16988	.08070	.15303	.10778	-.01137	.00011	.00077	-.00011	.00000	.00000
4.500	-.826	.16894	.08069	.15309	.10779	-.01143	.00061	.00049	.00006	.00000	.00000
4.500	.011	.16902	.08068	.15316	.10778	-.01139	.00123	.00004	.00032	.00000	.00000
4.500	.911	.16915	.08069	.15329	.10782	-.01137	.00225	-.00046	.00061	.00000	.00000
4.500	1.712	.16925	.08071	.15338	.10785	-.01130	.00249	-.00073	.00075	.00000	.00000
4.500	GRADIENT	.00006	-.00008	.00007	-.00007	-.00005	.00067	-.00042	.00024	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-13.236	.44386	.11322	.40114	.22116	-.01936	-.01320	.00813	-.00424	.00000	.00000
2.500	-11.689	.44458	.11255	.40202	.22068	-.02042	-.01112	.00726	-.00379	.00000	.00000
2.500	-9.864	.44461	.11182	.40225	.21996	-.02130	-.00900	.00627	-.00309	.00000	.00000
2.500	-8.265	.44536	.11140	.40307	.21975	-.02204	-.00768	.00548	-.00271	.00000	.00000
2.500	-6.581	.44447	.11076	.40238	.21888	-.02252	-.00604	.00437	-.00204	.00000	.00000
2.500	-4.914	.44475	.11048	.40273	.21868	-.02314	-.00417	.00321	-.00146	.00000	.00000
2.500	-3.279	.44556	.11022	.40357	.21863	-.02326	-.00265	.00227	-.00069	.00000	.00000
2.500	-1.750	.44592	.11012	.40395	.21862	-.02358	-.00110	.00147	-.00044	.00000	.00000
2.500	-.887	.44379	.10999	.40194	.21793	-.02353	-.00057	.00104	-.00016	.00000	.00000
2.500	-.018	.44591	.10992	.40399	.21841	-.02350	.00110	.00047	.00013	.00000	.00000
2.500	.897	.44558	.10994	.40367	.21835	-.02351	.00236	-.00025	.00052	.00000	.00000
2.500	1.694	.44459	.10989	.40274	.21803	-.02339	.00259	-.00067	.00079	.00000	.00000
	GRADIENT	-.00000	-.00009	.00002	-.00009	-.00005	.00108	-.00059	.00034	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-13.268	.35954	.09288	.32430	.18090	-.00889	-.00883	.00654	-.00305	.00000	.00000
3.500	-11.653	.36009	.09232	.32498	.18049	-.00974	-.00761	.00582	-.00266	.00000	.00000
3.500	-9.848	.36047	.09157	.32554	.17995	-.01070	-.00619	.00500	-.00220	.00000	.00000
3.500	-8.277	.36121	.09113	.32638	.17960	-.01123	-.00505	.00438	-.00189	.00000	.00000
3.500	-6.596	.36092	.09067	.32621	.17908	-.01182	-.00354	.00350	-.00138	.00000	.00000
3.500	-4.910	.36119	.09020	.32660	.17868	-.01222	-.00214	.00262	-.00087	.00000	.00000
3.500	-3.246	.36093	.08997	.32640	.17840	-.01258	-.00061	.00183	-.00043	.00000	.00000
3.500	-1.776	.36113	.08984	.32663	.17833	-.01262	.00053	.00123	-.00002	.00000	.00000
3.500	-.834	.36081	.08977	.32634	.17817	-.01281	.00108	.00079	.00016	.00000	.00000
3.500	-.028	.36092	.08970	.32647	.17813	-.01272	.00193	.00032	.00046	.00000	.00000
3.500	.911	.36142	.08964	.32696	.17820	-.01275	.00298	-.00027	.00077	.00000	.00000
3.500	1.619	.36102	.08955	.32660	.17800	-.01271	.00345	-.00055	.00095	.00000	.00000
	GRADIENT	.00000	-.00009	.00003	-.00009	-.00007	.00085	-.00049	.00028	.00000	.00000

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A034) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 164/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.218	.33040	.08620	.29803	.16665	-.00935	-.00780	.00558	-.00258	.00000	.00000
4.000	-11.666	.33159	.08568	.29931	.16645	-.01013	-.00662	.00501	-.00224	.00000	.00000
4.000	-9.820	.33134	.08505	.29924	.16576	-.01085	-.00536	.00428	-.00180	.00000	.00000
4.000	-8.209	.33140	.08456	.29943	.16530	-.01131	-.00454	.00370	-.00148	.00000	.00000
4.000	-6.581	.33194	.08416	.30004	.16504	-.01202	-.00304	.00295	-.00105	.00000	.00000
4.000	-4.910	.33199	.08374	.30020	.16465	-.01241	-.00179	.00215	-.00065	.00000	.00000
4.000	-3.205	.33212	.08350	.30039	.16444	-.01268	-.00040	.00148	-.00019	.00000	.00000
4.000	-1.791	.33183	.08327	.30017	.16414	-.01291	.00031	.00090	.00008	.00000	.00000
4.000	-.921	.33229	.08327	.30062	.16426	-.01286	.00119	.00062	.00026	.00000	.00000
4.000	-.021	.33195	.08311	.30033	.16401	-.01295	.00147	.00021	.00045	.00000	.00000
4.000	.904	.33209	.08312	.30046	.16406	-.01286	.00265	-.00038	.00078	.00000	.00000
4.000	1.717	.33178	.08315	.30016	.16399	-.01281	.00295	-.00063	.00098	.00000	.00000
GRADIENT		-.00002	-.00010	.00001	-.00010	-.00006	.00072	-.00042	.00024	.00000	.00000

RUN NO. 168/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.249	.31355	.07852	.28349	.15527	-.00984	-.00668	.00477	-.00226	.00000	.00000
4.500	-11.689	.31403	.07792	.28411	.15481	-.01060	-.00565	.00430	-.00196	.00000	.00000
4.500	-9.820	.31401	.07732	.28425	.15422	-.01125	-.00464	.00372	-.00164	.00000	.00000
4.500	-8.234	.31410	.07694	.28444	.15387	-.01163	-.00390	.00324	-.00137	.00000	.00000
4.500	-6.577	.31423	.07657	.28466	.15354	-.01216	-.00263	.00260	-.00101	.00000	.00000
4.500	-4.903	.31436	.07618	.28488	.15319	-.01257	-.00136	.00197	-.00059	.00000	.00000
4.500	-3.231	.31488	.07597	.28543	.15312	-.01282	.00049	.00137	-.00028	.00000	.00000
4.500	-1.798	.31448	.07579	.28510	.15284	-.01293	.00040	.00091	-.00002	.00000	.00000
4.500	-.823	.31459	.07570	.28523	.15278	-.01300	.00076	.00061	.00018	.00000	.00000
4.500	-.015	.31464	.07562	.28530	.15271	-.01294	.00126	.00027	.00031	.00000	.00000
4.500	.914	.31474	.07562	.28539	.15274	-.01291	.00202	-.00016	.00056	.00000	.00000
4.500	1.717	.31439	.07556	.28508	.15258	-.01271	.00239	-.00038	.00071	.00000	.00000
GRADIENT		.00000	-.00009	.00003	-.00009	-.00003	.00057	-.00036	.00020	.00000	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A035) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.240	.63433	.10651	.56166	-.02973	-.01103	.00768	-.00385	.00000	.00000
2.500	-11.685	.63453	.10583	.56209	-.03092	-.00948	.00695	-.00342	.00000	.00000
2.500	-9.840	.63437	.10508	.56221	-.03193	-.00760	.00593	-.00274	.00000	.00000
2.500	-8.298	.63515	.10471	.56307	-.03251	-.00668	.00506	-.00237	.00000	.00000
2.500	-6.581	.63611	.10422	.56414	-.03317	-.00465	.00401	-.00174	.00000	.00000
2.500	-4.906	.63514	.10379	.56337	-.03360	-.00315	.00296	-.00118	.00000	.00000
2.500	-3.275	.63581	.10357	.56409	-.03386	-.00152	.00219	-.00074	.00000	.00000
2.500	-1.776	.63564	.10346	.56396	-.03394	-.00035	.00143	-.00029	.00000	.00000
2.500	-.906	.63647	.10333	.56478	-.03417	.00074	.00104	-.00022	.00000	.00000
2.500	.006	.63688	.10337	.56515	-.03417	.00126	.00050	.00009	.00000	.00000
2.500	.900	.63635	.10344	.56464	-.03404	.00221	-.00016	.00053	.00000	.00000
2.500	1.677	.63622	.10335	.56455	-.03398	.00298	-.00052	.00077	.00000	.00000
	GRADIENT	.00019	-.00006	.00020	-.00007	.00092	-.00053	.00029	.00000	.00000

MACH	RUDDER	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.276	.53311	.08712	.47258	-.01726	-.00603	.00526	-.00229	.00000	.00000
3.500	-11.653	.53279	.08668	.47243	-.01798	-.00519	.00471	-.00197	.00000	.00000
3.500	-9.840	.53354	.08616	.47333	-.01871	-.00396	.00405	-.00159	.00000	.00000
3.500	-8.277	.53433	.08572	.47422	-.01912	-.00312	.00350	-.00129	.00000	.00000
3.500	-6.596	.53432	.08534	.47434	-.01967	-.00189	.00280	-.00087	.00000	.00000
3.500	-4.903	.53415	.08498	.47431	-.02022	.00057	.00207	-.00046	.00000	.00000
3.500	-3.250	.53439	.08479	.47460	-.02037	.00046	.00143	-.00009	.00000	.00000
3.500	-1.787	.53457	.08467	.47481	-.02048	.00121	.00093	.00014	.00000	.00000
3.500	-.820	.53479	.08455	.47505	-.02063	.00189	.00067	.00036	.00000	.00000
3.500	-.046	.53431	.08459	.47460	-.02061	.00255	.00032	.00056	.00000	.00000
3.500	.897	.53428	.08465	.47456	-.02061	.00309	-.00016	.00083	.00000	.00000
3.500	1.665	.53400	.08460	.47432	-.02056	.00368	-.00038	.00096	.00000	.00000
	GRADIENT	-.00002	-.00006	.00001	-.00006	.00064	-.00037	.00022	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 55.000 BETA = .000
 SCALE = .0200

RUN NO. 165/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.245	.46571	.08199	.41531	-.01442	.22612	-.00546	.00455	-.00191	.00000	.00000
4.000	-11.680	.46655	.08166	.41621	-.01506	.22607	-.00474	.00408	-.00166	.00000	.00000
4.000	-9.929	.46627	.08117	.41610	-.01585	.22551	-.00368	.00352	-.00129	.00000	.00000
4.000	-8.227	.46631	.08076	.41627	-.01619	.22513	-.00284	.00303	-.00101	.00000	.00000
4.000	-6.577	.46735	.08046	.41735	-.01654	.22517	-.00179	.00241	-.00065	.00000	.00000
4.000	-4.910	.46753	.08014	.41764	-.01704	.22491	-.00052	.00177	-.00025	.00000	.00000
4.000	-3.217	.46727	.07990	.41747	-.01727	.22460	.00031	.00124	.00007	.00000	.00000
4.000	-1.787	.46763	.07981	.41784	-.01725	.22463	.00116	.00077	.00030	.00000	.00000
4.000	-.892	.46808	.07972	.41829	-.01741	.22469	.00159	.00055	.00044	.00000	.00000
4.000	.031	.46783	.07974	.41805	-.01747	.22462	.00188	.00027	.00061	.00000	.00000
4.000	.907	.46789	.07966	.41814	-.01747	.22456	.00284	-.00023	.00088	.00000	.00000
4.000	1.723	.46747	.07975	.41772	-.01718	.22450	.00316	-.00044	.00097	.00000	.00000
4.000	GRADIENT	.00005	-.00006	.00007	-.00004	-.00005	.00056	-.00033	.00019	.00000	.00000

RUN NO. 169/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.263	.48092	.07476	.42766	-.01614	.23234	-.00367	.00318	-.00129	.00000	.00000
4.500	-11.685	.48187	.07445	.42866	-.01659	.23237	-.00303	.00291	-.00110	.00000	.00000
4.500	-9.824	.48189	.07416	.42877	-.01694	.23210	-.00227	.00251	-.00090	.00000	.00000
4.500	-8.209	.48200	.07397	.42894	-.01727	.23195	-.00177	.00220	-.00070	.00000	.00000
4.500	-6.589	.48148	.07367	.42856	-.01751	.23148	-.00102	.00177	-.00043	.00000	.00000
4.500	-4.899	.48166	.07349	.42879	-.01774	.23138	-.00027	.00130	-.00016	.00000	.00000
4.500	-3.235	.48177	.07321	.42899	-.01797	.23114	.00035	.00089	.00005	.00000	.00000
4.500	-1.802	.48230	.07320	.42949	-.01804	.23131	.00111	.00055	.00034	.00000	.00000
4.500	-.877	.48232	.07311	.42955	-.01808	.23123	.00136	.00035	.00044	.00000	.00000
4.500	-.024	.48183	.07301	.42912	-.01801	.23097	.00187	.00009	.00051	.00000	.00000
4.500	.911	.48201	.07295	.42931	-.01796	.23096	.00237	-.00023	.00071	.00000	.00000
4.500	1.717	.48207	.07296	.42938	-.01787	.23097	.00261	-.00038	.00086	.00000	.00000
4.500	GRADIENT	.00005	-.00008	.00008	-.00002	-.00006	.00045	-.00026	.00015	.00000	.00000

LAI31.MODEL 105-0. SILTS OFF. SB CAVITY OPEN

(17A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 AILRON = .000
 SPDRBK = 70.000

ELEVON = .000
 BDFLAP = .000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 212/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.470	-1.1547	.14195	-.10925	.14679	.01989	-.00105	-.00006	.00018	.00000	.00000
2.500	-4.433	-.05376	.13852	-.05271	.13893	.01515	-.00068	-.00004	.00021	.00000	.00000
2.500	1.587	.00654	.13600	.00277	.13613	.01055	-.00037	.00012	.00022	.00000	.00000
2.500	3.571	.06648	.13300	.05807	.13688	.00638	-.00028	.00014	.00008	.00000	.00000
2.500	4.544	.09611	.13104	.08543	.13824	.00424	.00013	.00005	.00015	.00000	.00000
2.500	5.628	.12964	.12797	.11646	.14007	.00234	.00018	.00015	.00024	.00000	.00000
2.500	7.618	.19385	.12430	.17566	.14890	-.00085	.00044	.00012	.00010	.00000	.00000
2.500	9.563	.26018	.12160	.23636	.16313	-.00412	.00076	.00016	.00004	.00000	.00000
2.500	11.607	.33159	.11950	.30077	.18377	-.00813	.00043	.00024	.00016	.00000	.00000
2.500	12.594	.36734	.11816	.33274	.19541	-.01019	.00053	.00020	.00014	.00000	.00000
2.500	13.544	.40226	.11697	.36368	.20792	-.01226	.00079	.00022	.00012	.00000	.00000
2.500	14.598	.43999	.11572	.39662	.22287	-.01462	.00107	.00040	.00022	.00000	.00000
2.500	15.610	.47802	.11436	.42962	.23877	-.01695	.00079	.00041	.00023	.00000	.00000
2.500	16.538	.51247	.11337	.45899	.25456	-.01913	.00065	.00034	.00022	.00000	.00000
2.500	17.558	.55242	.11182	.49296	.27326	-.02153	.00108	.00039	.00016	.00000	.00000
2.500	19.549	.62772	.10867	.55517	.31246	-.02610	.00121	.00030	.00017	.00000	.00000
2.500	23.596	.78826	.10145	.68175	.40850	-.03859	.00186	-.00013	.00057	.00000	.00000
2.500	24.609	.83236	.09917	.71546	.43677	-.04263	.00183	-.00009	.00050	.00000	.00000
2.500	27.612	.96265	.09224	.81026	.52791	-.05474	.00306	-.00000	.00044	.00000	.00000
2.500	31.722	1.14650	.08165	.93229	.67228	-.06806	.00351	.00067	.00033	.00000	.00000
2.500	GRADIENT	.03013	-.00151	.02773	-.00114	-.00223	.00015	.00002	-.00001	.00000	.00000

DATE 25 JUN 80

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LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 174/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.354	-.10689	.11728	-.10198	.12157	-.00164	.00217	-.00023	.00040	.00000	.00000
3.500	-3.318	-.06069	.11315	-.06006	.11348	-.00110	.00204	-.00010	.00035	.00000	.00000
3.500	1.542	-.01499	.11055	-.01815	.11007	-.00033	.00231	-.00009	.00041	.00000	.00000
3.500	3.603	.03283	.10760	.02601	.10945	.00033	.00218	-.00013	.00040	.00000	.00000
3.500	4.681	.06080	.10570	.05197	.11031	.00023	.00265	-.00007	.00052	.00000	.00000
3.500	5.674	.08693	.10366	.07626	.11175	-.00023	.00259	-.00014	.00046	.00000	.00000
3.500	7.628	.14130	.10093	.12665	.11879	-.00063	.00228	-.00002	.00049	.00000	.00000
3.500	9.658	.20051	.09827	.18118	.13052	-.00099	.00207	-.00014	.00047	.00000	.00000
3.500	11.666	.26054	.09664	.23562	.14733	-.00233	.00171	.00026	.00050	.00000	.00000
3.500	12.647	.29182	.09592	.26374	.15749	-.00308	.00194	.00027	.00055	.00000	.00000
3.500	13.652	.32293	.09498	.29139	.16851	-.00424	.00195	.00022	.00057	.00000	.00000
3.500	14.635	.35579	.09424	.32043	.18108	-.00546	.00198	.00024	.00057	.00000	.00000
3.500	15.611	.38832	.09305	.34895	.19412	-.00720	.00178	.00017	.00054	.00000	.00000
3.500	16.680	.42469	.09196	.38042	.20998	-.00883	.00200	.00016	.00067	.00000	.00000
3.500	17.648	.45824	.09107	.40907	.22571	-.01047	.00203	.00021	.00065	.00000	.00000
3.500	19.635	.52904	.08830	.46860	.26094	-.01447	.00218	.00022	.00069	.00000	.00000
3.500	23.672	.68222	.08423	.59100	.35106	-.02286	.00199	.00025	.00068	.00000	.00000
3.500	24.612	.72027	.08374	.61996	.37609	-.02457	.00183	.00031	.00065	.00000	.00000
3.500	27.712	.85283	.08124	.71723	.46851	-.03137	.00238	.00026	.00075	.00000	.00000
3.500	31.717	1.03730	.07410	.84339	.60835	-.04587	.00302	.00057	.00080	.00000	.00000
3.500	GRADIENT	.02379	-.00160	.02185	-.00154	.00029	.00036	.00002	.00001	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 186/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.428	-1.0722	.11100	-.10242	.11544	-.00471	.00143	.00008	.00035	.00000	.00000
4.000	-.389	-.06452	.10626	-.06380	.10670	-.00476	.00159	.00001	.00037	.00000	.00000
4.000	1.523	-.02139	.10304	-.02430	.10239	-.00449	.00200	.00004	.00038	.00000	.00000
4.000	3.609	.02366	.10023	.01731	.10152	-.00358	.00219	-.00001	.00040	.00000	.00000
4.000	4.539	.04563	.09869	.03768	.10199	-.00336	.00212	-.00000	.00033	.00000	.00000
4.000	5.614	.07273	.09661	.06294	.10326	-.00362	.00206	.00004	.00040	.00000	.00000
4.000	7.617	.12613	.09408	.11254	.10997	-.00421	.00216	.00005	.00044	.00000	.00000
4.000	9.553	.18062	.09164	.16290	.12034	-.00407	.00203	.00016	.00047	.00000	.00000
4.000	11.585	.23855	.08963	.21569	.13570	-.00458	.00195	.00018	.00056	.00000	.00000
4.000	12.627	.26878	.08890	.24285	.14550	-.00522	.00197	.00018	.00053	.00000	.00000
4.000	13.551	.29722	.08820	.26828	.15539	-.00592	.00210	.00020	.00061	.00000	.00000
4.000	14.517	.32878	.08730	.29640	.16592	-.00681	.00211	.00016	.00059	.00000	.00000
4.000	15.574	.36337	.08621	.32688	.18060	-.00822	.00234	.00002	.00072	.00000	.00000
4.000	16.569	.39620	.08493	.35552	.19439	-.00964	.00225	.00008	.00070	.00000	.00000
4.000	17.528	.42997	.08401	.38470	.20960	-.01085	.00217	.00018	.00067	.00000	.00000
4.000	19.586	.50187	.08197	.44536	.24546	-.01422	.00233	.00018	.00070	.00000	.00000
4.000	23.536	.65386	.07856	.56810	.33313	-.02034	.00235	.00028	.00061	.00000	.00000
4.000	24.577	.69540	.07820	.59987	.36034	-.02224	.00251	.00027	.00065	.00000	.00000
4.000	27.642	.82446	.07636	.69493	.45015	-.02891	.00285	.00014	.00075	.00000	.00000
4.000	31.599	1.00470	.07071	.81867	.58664	-.04253	.00323	-.00002	.00083	.00000	.00000
4.000	GRADIENT	.02192	-.00172	.02010	-.00186	.00021	.00011	-.00001	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDWRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 198/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.383	-.10796	.10679	-.10343	.11118	-.00934	.00130	-.00001	.00024	.00000	.00000
4.500	-.383	-.06777	.10147	-.06709	.10192	-.00831	.00109	.00002	.00023	.00000	.00000
4.500	1.564	-.02574	.09686	-.02854	.09607	-.00749	.00140	-.00010	.00030	.00000	.00000
4.500	3.674	.01774	.09329	.01172	.09424	-.00610	.00161	-.00011	.00037	.00000	.00000
4.500	4.667	.04061	.09119	.03306	.09419	-.00597	.00167	-.00004	.00039	.00000	.00000
4.500	5.595	.06211	.08939	.05309	.09502	-.00602	.00185	-.00004	.00045	.00000	.00000
4.500	7.604	.11259	.08692	.10010	.10105	-.00605	.00209	-.00007	.00051	.00000	.00000
4.500	9.641	.16589	.08438	.14942	.11097	-.00602	.00193	-.00004	.00052	.00000	.00000
4.500	11.592	.21837	.08174	.19749	.12395	-.00715	.00157	-.00004	.00047	.00000	.00000
4.500	12.654	.24906	.08014	.22546	.13275	-.00723	.00160	.00034	.00046	.00000	.00000
4.500	13.661	.27942	.07946	.25275	.14321	-.00778	.00149	.00042	.00048	.00000	.00000
4.500	14.659	.31017	.07873	.28015	.15466	-.00837	.00189	.00028	.00060	.00000	.00000
4.500	15.645	.34158	.07802	.30788	.16725	-.00921	.00203	.00018	.00062	.00000	.00000
4.500	16.628	.37401	.07725	.33626	.18104	-.01030	.00219	.00017	.00072	.00000	.00000
4.500	17.636	.40664	.07657	.36433	.19617	-.01167	.00219	.00014	.00069	.00000	.00000
4.500	19.629	.47464	.07528	.42177	.23035	-.01478	.00236	.00014	.00071	.00000	.00000
4.500	23.690	.62667	.07261	.54469	.31828	-.02212	.00259	.00015	.00077	.00000	.00000
4.500	24.613	.66260	.07265	.57214	.34201	-.02398	.00262	.00018	.00082	.00000	.00000
4.500	27.593	.78433	.07158	.66197	.42673	-.03048	.00316	.00019	.00091	.00000	.00000
4.500	31.699	.96459	.06620	.78591	.56318	-.04764	.00373	.00018	.00110	.00000	.00000
4.500	GRADIENT	.02103	-.00218	.01933	-.00236	.00050	.00007	-.00001	.00002	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A037) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 213/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.481	-.11755	.14139	-.11131	.14635	.01778	-.03987	.00339	-.00227	.00000	.00000
2.500	-.431	-.05455	.14031	-.05350	.14071	.01395	-.03774	.00294	-.00207	.00000	.00000
2.500	1.518	.00765	.13758	.00376	.13774	.00971	-.03530	.00221	-.00202	.00000	.00000
2.500	3.566	.06590	.13348	.05747	.13732	.00600	-.03249	.00165	-.00209	.00000	.00000
2.500	4.585	.09749	.13184	.08664	.13921	.00387	-.03195	.00127	-.00214	.00000	.00000
2.500	5.634	.12957	.12984	.11620	.14194	.00169	-.03130	.00107	-.00215	.00000	.00000
2.500	7.560	.19208	.12593	.17384	.15011	-.00139	-.03098	.00100	-.00233	.00000	.00000
2.500	9.630	.26250	.12221	.23836	.16441	-.00500	-.03088	.00090	-.00283	.00000	.00000
2.500	11.624	.33394	.11950	.30301	.18434	-.00920	-.03036	.00066	-.00333	.00000	.00000
2.500	12.578	.36769	.11854	.33305	.19577	-.01107	-.02988	.00052	-.00332	.00000	.00000
2.500	13.587	.40410	.11728	.36524	.20893	-.01305	-.02914	.00035	-.00341	.00000	.00000
2.500	14.570	.44129	.11622	.39786	.22350	-.01526	-.02780	-.00056	-.00327	.00000	.00000
2.500	15.566	.47791	.11478	.42958	.23881	-.01758	-.02656	-.00120	-.00319	.00000	.00000
2.500	16.598	.51674	.11325	.46286	.25614	-.01987	-.02544	-.00179	-.00317	.00000	.00000
2.500	17.593	.55399	.11144	.49440	.27367	-.02176	-.02416	-.00229	-.00321	.00000	.00000
2.500	19.566	.62889	.10847	.55625	.31282	-.02666	-.02190	-.00352	-.00306	.00000	.00000
2.500	23.629	.79266	.09993	.68615	.40926	-.03949	-.01797	-.00631	-.00229	.00000	.00000
2.500	24.592	.83392	.09864	.71727	.43663	-.04305	-.01699	-.00670	-.00224	.00000	.00000
2.500	27.633	.96219	.09223	.80966	.52798	-.05476	-.01489	-.00791	-.00203	.00000	.00000
2.500	31.604	1.14120	.08188	.92905	.66778	-.06783	-.01494	-.00739	-.00276	.00000	.00000
2.500	GRADIENT	.03036	-.00141	.02795	-.00104	-.00197	.00117	-.00030	.00002	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A037) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 175/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.321	-.10595	.11774	-.10109	.12193	-.00260	-.03421	.00250	-.00103	.00000	.00000
3.500	-.361	-.06238	.11371	-.06166	.11410	-.00147	.00183	-.00009	-.00035	.00000	.00000
3.500	1.540	-.01475	.11230	-.01796	.11183	-.00060	-.03150	.00215	-.00167	.00000	.00000
3.500	3.702	.03635	.10790	.02931	.11002	-.00101	-.02887	.00141	-.00189	.00000	.00000
3.500	4.618	.06025	.10618	.05151	.11068	-.00129	-.02831	.00124	-.00204	.00000	.00000
3.500	5.687	.08877	.10438	.07799	.11267	-.00149	-.02794	.00119	-.00212	.00000	.00000
3.500	7.675	.14349	.10116	.12870	.11942	-.00147	-.02734	.00098	-.00226	.00000	.00000
3.500	9.628	.20047	.09833	.18120	.13047	-.00160	-.02714	.00094	-.00255	.00000	.00000
3.500	11.615	.26026	.09668	.23546	.14710	-.00293	-.02604	.00058	-.00260	.00000	.00000
3.500	12.602	.29059	.09582	.26268	.15691	-.00362	-.02623	.00039	-.00273	.00000	.00000
3.500	13.662	.32497	.09488	.29336	.16895	-.00475	-.02515	.00013	-.00274	.00000	.00000
3.500	14.618	.35618	.09395	.32094	.18080	-.00617	-.02414	-.00034	-.00272	.00000	.00000
3.500	15.638	.39334	.09265	.35091	.19444	-.00792	-.02307	-.00098	-.00267	.00000	.00000
3.500	16.648	.42457	.09163	.38052	.20943	-.00972	-.02199	-.00146	-.00259	.00000	.00000
3.500	17.632	.45868	.09059	.40969	.22527	-.01135	-.02109	-.00188	-.00254	.00000	.00000
3.500	19.639	.52947	.08815	.46905	.26097	-.01491	-.01962	-.00281	-.00238	.00000	.00000
3.500	23.664	.68336	.08407	.59216	.35128	-.02376	-.01638	-.00484	-.00182	.00000	.00000
3.500	24.646	.72290	.08337	.62227	.37723	-.02582	-.01546	-.00523	-.00172	.00000	.00000
3.500	27.684	.85252	.08058	.71749	.46743	-.03241	-.01439	-.00549	-.00194	.00000	.00000
3.500	31.630	1.03400	.07489	.84111	.60601	-.04428	-.01568	-.00450	-.00255	.00000	.00000
3.500	GRADIENT	.02398	-.00160	.02203	-.00153	.00018	-.00105	-.00005	-.00024	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A037) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 187/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CEB	ELEVON	AILRON
4.000	-2.398	-.10742	.11151	-.10266	.11591	-.00508	-.03283	.00248	-.00085	.00000	.00000
4.000	-.436	-.06676	.10812	-.06594	.10863	-.00444	-.03126	.00234	-.00113	.00000	.00000
4.000	1.512	-.02184	.10463	-.02477	.10398	-.00405	-.03049	.00221	-.00160	.00000	.00000
4.000	3.604	.02300	.10066	.01662	.10190	-.00424	-.02817	.00154	-.00178	.00000	.00000
4.000	4.663	.04927	.09847	.04110	.10215	-.00433	-.02721	.00132	-.00182	.00000	.00000
4.000	5.540	.07119	.09722	.06147	.10364	-.00454	-.02717	.00130	-.00201	.00000	.00000
4.000	7.585	.12495	.09407	.11144	.10974	-.00430	-.02637	.00112	-.00227	.00000	.00000
4.000	9.590	.18122	.09190	.16337	.12081	-.00449	-.02469	.00072	-.00234	.00000	.00000
4.000	11.535	.23630	.08930	.21367	.13475	-.00564	-.02468	.00047	-.00258	.00000	.00000
4.000	12.572	.26857	.08863	.24284	.14496	-.00633	-.02389	.00011	-.00261	.00000	.00000
4.000	13.540	.29724	.08771	.26844	.15486	-.00728	-.02310	-.00024	-.00263	.00000	.00000
4.000	14.584	.33068	.08706	.29811	.16752	-.00795	-.02219	-.00056	-.00262	.00000	.00000
4.000	15.494	.36062	.08611	.32452	.17932	-.00911	-.02185	-.00081	-.00273	.00000	.00000
4.000	16.573	.39704	.08509	.35627	.19480	-.01011	-.02106	-.00116	-.00273	.00000	.00000
4.000	17.571	.43062	.08396	.38518	.21004	-.01162	-.02051	-.00157	-.00273	.00000	.00000
4.000	19.563	.50167	.08224	.44517	.24547	-.01428	-.01896	-.00238	-.00265	.00000	.00000
4.000	23.552	.65451	.07866	.56856	.33364	-.02160	-.01588	-.00428	-.00225	.00000	.00000
4.000	24.556	.69422	.07802	.59901	.35947	-.02337	-.01530	-.00453	-.00224	.00000	.00000
4.000	27.575	.82225	.07592	.69370	.44791	-.02999	-.01511	-.00441	-.00258	.00000	.00000
4.000	31.620	1.00600	.07169	.81904	.58847	-.04091	-.01598	-.00401	-.00290	.00000	.00000
4.000	GRADIENT	.02215	-.00184	.02032	-.00193	.00010	.00078	-.00017	-.00014	.00000	.00000

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REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000
 AILRON = .000
 SPDBRK = 70.000

ELEVON = .000
 BDELAP = .000
 RUDDER = .000

RUN NO. 199/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.416	-.10951	.10738	-.10488	.11190	-.00963	-.03143	.00177	-.00076	.00000	.00000
4.500	-.346	-.06760	.10290	-.06697	.10330	-.00814	-.02986	.00160	-.00105	.00000	.00000
4.500	1.627	-.02717	.09868	-.02997	.09787	-.00704	-.02895	.00154	-.00147	.00000	.00000
4.500	3.618	.01706	.09398	.01109	.09486	-.00707	-.02673	.00090	-.00157	.00000	.00000
4.500	4.621	.03988	.09166	.03236	.09458	-.00697	-.02627	.00083	-.00170	.00000	.00000
4.500	5.586	.06219	.09023	.05311	.09506	-.00709	-.02567	.00079	-.00192	.00000	.00000
4.500	7.697	.11451	.08759	.10175	.10214	-.00669	-.02432	.00065	-.00208	.00000	.00000
4.500	9.640	.16534	.08446	.14887	.11096	-.00697	-.02288	.00013	-.00216	.00000	.00000
4.500	11.624	.21948	.08217	.19842	.12471	-.00811	-.02190	-.00014	-.00239	.00000	.00000
4.500	12.687	.24988	.07983	.22625	.13276	-.00836	-.02202	-.00021	-.00247	.00000	.00000
4.500	13.598	.27811	.07952	.25162	.14268	-.00911	-.02189	-.00039	-.00259	.00000	.00000
4.500	14.597	.30855	.07924	.27862	.15444	-.00943	-.02119	-.00055	-.00262	.00000	.00000
4.500	15.636	.34179	.07853	.30797	.16774	-.01012	-.02065	-.00080	-.00270	.00000	.00000
4.500	16.586	.37283	.07788	.33508	.18107	-.01074	-.02038	-.00103	-.00277	.00000	.00000
4.500	17.623	.40683	.07714	.36439	.19669	-.01201	-.01957	-.00128	-.00277	.00000	.00000
4.500	19.618	.47546	.07559	.42248	.23084	-.01490	-.01800	-.00218	-.00258	.00000	.00000
4.500	23.592	.62237	.07293	.54117	.31591	-.02267	-.01563	-.00352	-.00220	.00000	.00000
4.500	24.634	.66363	.07269	.57293	.34269	-.02500	-.01519	-.00374	-.00228	.00000	.00000
4.500	27.667	.78797	.07182	.66453	.42949	-.03194	-.01517	-.00375	-.00266	.00000	.00000
4.500	31.701	.96664	.06793	.78673	.56575	-.04495	-.01514	-.00311	-.00306	.00000	.00000
4.500	GRADIENT	.02122	-.00223	.01950	-.00245	.00037	.00075	-.00014	-.00013	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A038) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 70.000 RUDDER = -4.930

RUN NO. 214/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.462	-.11588	.14226	-.10966	.14711	.02008	-.00485	.00297	-.00162	.00000	.00000
2.500	-.485	-.05573	.13898	-.05455	.13945	.01558	-.00462	.00309	-.00163	.00000	.00000
2.500	1.550	.00587	.13637	.00218	.13648	.01097	-.00485	.00318	-.00160	.00000	.00000
2.500	3.552	.06648	.13373	.05807	.13759	.00696	-.00446	.00313	-.00170	.00000	.00000
2.500	4.598	.09682	.13133	.08598	.13867	.00475	-.00405	.00307	-.00145	.00000	.00000
2.500	5.591	.12816	.12840	.11503	.14028	.00276	-.00446	.00311	-.00165	.00000	.00000
2.500	7.559	.19070	.12478	.17263	.14878	-.00010	-.00376	.00307	-.00151	.00000	.00000
2.500	9.609	.26193	.12226	.23785	.16426	-.00362	-.00345	.00301	-.00152	.00000	.00000
2.500	11.605	.33196	.11984	.30106	.18417	-.00773	-.00362	.00300	-.00147	.00000	.00000
2.500	12.617	.36816	.11872	.33334	.19627	-.00991	-.00344	.00302	-.00142	.00000	.00000
2.500	13.579	.40181	.11759	.36297	.20864	-.01190	-.00364	.00304	-.00137	.00000	.00000
2.500	14.572	.44019	.11637	.39675	.22338	-.01428	-.00344	.00316	-.00135	.00000	.00000
2.500	15.563	.47685	.11505	.42850	.23877	-.01668	-.00341	.00316	-.00140	.00000	.00000
2.500	16.544	.51363	.11385	.45994	.25539	-.01899	-.00346	.00305	-.00148	.00000	.00000
2.500	17.636	.55591	.11247	.49571	.27361	-.02131	-.00319	.00317	-.00138	.00000	.00000
2.500	19.559	.62754	.10947	.55468	.31324	-.02537	-.00290	.00312	-.00134	.00000	.00000
2.500	23.589	.78986	.10208	.68301	.40963	-.03814	-.00181	.00255	-.00088	.00000	.00000
2.500	24.567	.83135	.09956	.71470	.43618	-.04241	-.00162	.00250	-.00083	.00000	.00000
2.500	27.655	.96426	.09281	.81103	.52977	-.05438	.00007	.00217	-.00061	.00000	.00000
2.500	31.670	1.14430	.08245	.93057	.67094	-.06731	.00035	.00228	-.00058	.00000	.00000
2.500	GRADIENT	.03018	-.00148	.02777	-.00109	-.00217	.00009	.00002	.00001	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = .000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BOFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 70.000 RUDDER = -4.930
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 176/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.421	-.10864	.11842	-.10354	.12290	-.00160	-.00330	.00259	-.00120	.00000	.00000
3.500	-.386	-.06278	.11415	-.06201	.11457	-.00093	-.00274	.00247	-.00104	.00000	.00000
3.500	1.571	-.01366	.11138	-.01691	.11094	-.00013	-.00237	.00240	-.00097	.00000	.00000
3.500	3.708	.03512	.10823	.02805	.11028	.00036	-.00250	.00237	-.00094	.00000	.00000
3.500	4.687	.06082	.10646	.05192	.11108	.00043	-.00252	.00252	-.00103	.00000	.00000
3.500	5.644	.08696	.10471	.07624	.11275	-.00000	-.00237	.00253	-.00103	.00000	.00000
3.500	7.617	.14135	.10180	.12661	.11964	-.00034	-.00228	.00252	-.00103	.00000	.00000
3.500	9.645	.19974	.09867	.18038	.13074	-.00083	-.00279	.00271	-.00096	.00000	.00000
3.500	11.625	.25958	.09726	.23466	.14757	-.00189	-.00296	.00271	-.00090	.00000	.00000
3.500	12.637	.29063	.09635	.26251	.15760	-.00275	-.00295	.00265	-.00089	.00000	.00000
3.500	13.603	.32156	.09537	.29011	.16833	-.00373	-.00273	.00257	-.00083	.00000	.00000
3.500	14.631	.35566	.09466	.32022	.18142	-.00505	-.00251	.00249	-.00080	.00000	.00000
3.500	15.629	.38979	.09354	.35018	.19509	-.00658	-.00250	.00241	-.00077	.00000	.00000
3.500	16.597	.42136	.09243	.37740	.20893	-.00827	-.00229	.00231	-.00068	.00000	.00000
3.500	17.614	.45676	.09136	.40771	.22529	-.01003	-.00197	.00226	-.00052	.00000	.00000
3.500	19.652	.52845	.08951	.46790	.26107	-.01422	-.00173	.00216	-.00055	.00000	.00000
3.500	23.621	.68057	.08451	.58969	.35011	-.02244	-.00076	.00166	-.00027	.00000	.00000
3.500	24.642	.72232	.08396	.62153	.37749	-.02431	-.00043	.00154	-.00011	.00000	.00000
3.500	27.688	.85165	.08122	.71639	.46765	-.03097	.00037	.00116	-.00009	.00000	.00000
3.500	31.697	1.03650	.07423	.84286	.60774	-.04568	.00229	.00110	-.00044	.00000	.00000
3.500	GRADIENT	.02381	-.00163	.02185	-.00159	.00030	.00010	-.00002	.00003	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = .000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000 RUDDER = -4.930
 SCALE = .0200

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.455	-.10898	.11133	-.10411	.11590	-.00429	-.00301	.00269	-.00118	.00000	.00000
4.000	-.386	-.06541	.10640	-.06469	.10684	-.00437	-.00254	.00236	-.00103	.00000	.00000
4.000	1.588	-.02262	.10339	-.02548	.10273	-.00403	-.00215	.00229	-.00092	.00000	.00000
4.000	3.597	.02206	.10055	.01571	.10173	-.00314	-.00174	.00214	-.00083	.00000	.00000
4.000	4.539	.04484	.09910	.03686	.10234	-.00291	-.00158	.00216	-.00085	.00000	.00000
4.000	5.553	.07037	.09711	.06064	.10346	-.00319	-.00175	.00222	-.00082	.00000	.00000
4.000	7.618	.12580	.09476	.11212	.11060	-.00352	-.00153	.00226	-.00077	.00000	.00000
4.000	9.566	.17944	.09257	.16156	.12110	-.00379	-.00143	.00236	-.00076	.00000	.00000
4.000	11.527	.23543	.08993	.21271	.13516	-.00425	-.00196	.00242	-.00070	.00000	.00000
4.000	12.618	.26689	.08938	.24092	.14552	-.00467	-.00196	.00235	-.00066	.00000	.00000
4.000	13.533	.29574	.08857	.26681	.15531	-.00549	-.00183	.00229	-.00060	.00000	.00000
4.000	14.591	.32926	.08760	.29658	.16773	-.00647	-.00160	.00219	-.00052	.00000	.00000
4.000	15.580	.36224	.08652	.32569	.18063	-.00769	-.00126	.00202	-.00039	.00000	.00000
4.000	16.556	.39518	.08542	.35445	.19449	-.00903	-.00101	.00198	-.00033	.00000	.00000
4.000	17.550	.42891	.08425	.38355	.20966	-.01058	-.00111	.00199	-.00036	.00000	.00000
4.000	19.582	.50130	.08217	.44476	.24543	-.01378	-.00052	.00177	-.00023	.00000	.00000
4.000	23.627	.65577	.07873	.56925	.33495	-.02039	.00024	.00145	-.00002	.00000	.00000
4.000	24.555	.69301	.07833	.59778	.35924	-.02205	.00037	.00131	.00001	.00000	.00000
4.000	27.543	.81836	.07653	.69022	.44627	-.02852	.00147	.00087	.00037	.00000	.00000
4.000	31.614	1.00390	.07090	.81777	.58663	-.04173	.00280	.00087	.00062	.00000	.00000
4.000	GRADIENT	.02194	-.00170	.02011	-.00187	.00022	.00020	-.00007	.00005	.00000	.00000

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XC BETA = .000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000 RUDDER = -4.930
 SCALE = .0200

REFERENCE DATA

RUN NO. 200/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.321	-.10747	.10757	-.10302	.11184	-.00912	-.00340	.00252	-.00121	.00000	.00000
4.500	-.358	-.06780	.10234	-.06717	.10277	-.00843	-.00311	.00224	-.00109	.00000	.00000
4.500	1.561	-.02575	.09779	-.02857	.09701	-.00763	-.00267	.00206	-.00097	.00000	.00000
4.500	3.638	.01681	.09425	.01080	.09512	-.00627	-.00232	.00203	-.00084	.00000	.00000
4.500	4.658	.04065	.09210	.03304	.09510	-.00601	-.00241	.00207	-.00083	.00000	.00000
4.500	5.606	.06214	.09046	.05300	.09610	-.00591	-.00209	.00206	-.00078	.00000	.00000
4.500	7.672	.11356	.08802	.10079	.10239	-.00589	-.00184	.00210	-.00070	.00000	.00000
4.500	9.626	.16504	.08561	.14840	.11200	-.00555	-.00188	.00207	-.00066	.00000	.00000
4.500	11.657	.22023	.08304	.19891	.12583	-.00690	-.00184	.00214	-.00067	.00000	.00000
4.500	12.648	.24841	.08103	.22464	.13346	-.00692	-.00223	.00221	-.00068	.00000	.00000
4.500	13.623	.27760	.08034	.25087	.14346	-.00739	-.00222	.00220	-.00064	.00000	.00000
4.500	14.627	.30855	.07963	.27845	.15497	-.00799	-.00182	.00200	-.00057	.00000	.00000
4.500	15.597	.33953	.07882	.30584	.16721	-.00887	-.00128	.00180	-.00041	.00000	.00000
4.500	16.581	.37148	.07784	.33382	.18061	-.01011	-.00116	.00166	-.00031	.00000	.00000
4.500	17.651	.40684	.07705	.36432	.19679	-.01161	-.00075	.00152	-.00017	.00000	.00000
4.500	19.611	.47401	.07578	.42108	.23047	-.01453	-.00048	.00124	-.00007	.00000	.00000
4.500	23.701	.62647	.07302	.54428	.31868	-.02208	-.00063	.00082	.00028	.00000	.00000
4.500	24.642	.66381	.07306	.57289	.34318	-.02393	.00081	.00083	.00032	.00000	.00000
4.500	27.642	.78713	.07189	.66394	.42887	-.03073	.00172	.00060	.00056	.00000	.00000
4.500	31.613	.96226	.06734	.78417	.56175	-.04502	.00213	.00045	.00076	.00000	.00000
GRADIENT		.02117	-.00218	.01945	-.00235	.00047	.00016	-.00006	.00006	.00000	.00000

(17A039) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDRBK = 70.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 215/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.26878	.12116	.24472	.16441	-.01000	.10223	-.00334	-.00334	.01027	.00000	.00000
2.500	-3.981	.26471	.12305	.24041	.16558	-.00624	.06543	-.00111	-.00111	.06331	.00000	.00000
2.500	-3.011	.26328	.12288	.23904	.16515	-.00583	.04945	-.00085	-.00085	.0476	.00000	.00000
2.500	-1.966	.26326	.12164	.23923	.16393	-.00531	.03398	-.00049	-.00049	.00323	.00000	.00000
2.500	-1.002	.26012	.12139	.23620	.16312	-.00439	.01753	-.00004	-.00004	.00173	.00000	.00000
2.500	.000	.26161	.12209	.23754	.16407	-.00428	.00237	.00013	.00013	.00015	.00000	.00000
2.500	.965	.26217	.12206	.23809	.16414	-.00456	-.01403	.00039	.00039	-.00136	.00000	.00000
2.500	1.987	.26230	.12332	.23814	.16463	-.00521	-.02940	.00087	.00087	-.00272	.00000	.00000
2.500	2.970	.26347	.12388	.23904	.16619	-.00568	-.04650	.00118	.00118	-.00426	.00000	.00000
2.500	4.011	.26473	.12424	.24020	.16679	-.00641	-.06181	.00151	.00151	-.00583	.00000	.00000
2.500	6.013	.26814	.12294	.24376	.16612	-.00981	-.09835	.00361	.00361	-.00969	.00000	.00000
2.500	GRADIENT	.00001	.00017	-.00002	.00017	-.00000	-.01598	.00033	.00033	-.00152	.00000	.00000

RUN NO. 177/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.20245	.09840	.18312	.13091	-.00613	.09552	-.00486	-.00486	.01075	.00000	.00000
3.500	-4.000	.20077	.09912	.18134	.13133	-.00370	.06133	-.00236	-.00236	.00682	.00000	.00000
3.500	-3.011	.20083	.09898	.18144	.13119	-.00247	.04521	-.00089	-.00089	.00480	.00000	.00000
3.500	-1.985	.20035	.09864	.18105	.13074	-.00139	.03086	-.00061	-.00061	.00338	.00000	.00000
3.500	-1.002	.19967	.09845	.18041	.13044	-.00113	.01600	-.00015	-.00015	.00190	.00000	.00000
3.500	-.019	.20017	.09833	.18092	.13040	-.00108	.00187	.00015	.00015	.00039	.00000	.00000
3.500	.984	.20023	.09844	.18096	.13052	-.00120	.01227	.00050	.00050	-.00106	.00000	.00000
3.500	1.987	.20138	.09862	.18205	.13090	-.00167	-.02659	.00096	.00096	-.00253	.00000	.00000
3.500	2.988	.20114	.09894	.18176	.13119	-.00227	-.04136	.00132	.00132	-.00395	.00000	.00000
3.500	4.011	.20269	.10003	.18306	.13259	-.00377	-.05765	.00250	.00250	-.00587	.00000	.00000
3.500	6.013	.20510	.09995	.18543	.13293	-.00629	-.09047	.00515	.00515	-.00983	.00000	.00000
3.500	GRADIENT	.00019	.00006	.00017	.00009	-.00001	-.01465	.00050	.00050	-.00153	.00000	.00000

LA131 MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDPRK = 70.000 RUDDER = .000

RUN NO. 189/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.18142	.09168	.16362	-.00772	.12061	-.00599	.09125	-.00441	.01027	.00000	.00000
4.000	-4.000	.18171	.09195	.16385	-.00554	.12093	-.00554	.05952	-.00254	.00681	.00000	.00000
4.000	-2.992	.18010	.09180	.16229	-.00465	.12051	-.00465	.04413	-.00116	.00486	.00000	.00000
4.000	-1.985	.18023	.09196	.16239	-.00408	.12070	-.00408	.02864	-.00041	.00318	.00000	.00000
4.000	-1.021	.18010	.09208	.16225	-.00395	.12080	-.00395	.01574	-.00014	.00186	.00000	.00000
4.000	-.019	.17985	.09192	.16203	-.00414	.12059	-.00414	.00202	-.00011	.00046	.00000	.00000
4.000	1.004	.17962	.09237	.16171	-.00473	.12100	-.00473	-.01010	.00022	-.00081	.00000	.00000
4.000	1.949	.17971	.09217	.16183	-.00512	.12084	-.00512	-.02333	.00062	-.00225	.00000	.00000
4.000	2.988	.17974	.09237	.16183	-.00591	.12103	-.00591	-.03963	.00139	-.00394	.00000	.00000
4.000	4.030	.18161	.09266	.16362	-.00778	.12165	-.00778	-.05480	.00269	-.00581	.00000	.00000
4.000	5.995	.18274	.09277	.16471	.00002	.12195	.00002	-.08700	.00467	-.00340	.00000	.00000
4.000	GRADIENT	-.00005	.00009	-.00006	.00002	.00008	.00002	-.01398	.00052	-.00151	.00000	.00000

RUN NO. 201/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CLM	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.16735	.08554	.15061	-.00825	.11242	-.00825	.08448	-.00323	.00943	.00000	.00000
4.500	-4.000	.16784	.08513	.15116	-.00765	.11210	-.00765	.05563	-.00225	.00656	.00000	.00000
4.500	-3.011	.16748	.08541	.15076	-.00732	.11233	-.00732	.04106	-.00107	.00477	.00000	.00000
4.500	-1.966	.16715	.08551	.15042	-.00692	.11236	-.00692	.02603	-.00015	.00303	.00000	.00000
4.500	-1.002	.16599	.08552	.14927	-.00641	.11219	-.00641	.01352	.00010	.00168	.00000	.00000
4.500	-.019	.16580	.08544	.14909	-.00621	.11207	-.00621	.00151	.00002	.00041	.00000	.00000
4.500	.965	.16562	.08528	.14894	-.00657	.11188	-.00657	-.00956	-.00027	-.00072	.00000	.00000
4.500	1.968	.16625	.08488	.14964	-.00705	.11159	-.00705	-.02246	.00017	-.00215	.00000	.00000
4.500	2.988	.16679	.08532	.15010	-.00737	.11211	-.00737	.03734	.00117	-.00390	.00000	.00000
4.500	4.011	.16684	.08564	.15010	-.00906	.11243	-.00906	-.05290	.00235	-.00566	.00000	.00000
4.500	6.013	.16717	.08621	.15033	-.00891	.11305	-.00891	-.08060	.00346	-.00852	.00000	.00000
4.500	GRADIENT	-.00014	.00001	-.00013	.00002	-.00002	.00004	-.01319	.00043	-.00146	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A040) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 70.000 RUDDER = .000

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	.44465	.11296	.40193	.22119	-.02234	.09654	.00026	.01199	.00000	.00000
2.500	.44107	.11656	.39757	.22378	-.01753	.05788	.00247	.00708	.00000	.00000
2.500	.44051	.11689	.39692	.22399	-.01622	.04500	.00169	.00549	.00000	.00000
2.500	.44146	.11668	.39789	.22403	-.01576	.02969	.00123	.00344	.00000	.00000
2.500	.44050	.11582	.39716	.22299	-.01526	.01769	.00089	.00200	.00000	.00000
2.500	.43982	.11602	.39644	.22301	-.01487	.00084	.00031	.00007	.00000	.00000
2.500	.44130	.11582	.39792	.22321	-.01509	-.01316	-.00011	-.00166	.00000	.00000
2.500	.44133	.11582	.39777	.22393	-.01551	-.02771	-.00059	-.00339	.00000	.00000
2.500	.44058	.11742	.39684	.22454	-.01555	-.04225	-.00091	-.00509	.00000	.00000
2.500	.44116	.11712	.39748	.22438	-.01674	-.05510	-.00183	-.00650	.00000	.00000
2.500	.44414	.11385	.40120	.22193	-.02100	-.09190	-.00004	-.01130	.00000	.00000
2.500	.00002	.00006	-.00000	.00007	.00010	-.01431	-.00049	-.00172	.00000	.00000

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	.35635	.09256	.32133	.17973	-.01050	.08851	-.00111	.01229	.00000	.00000
3.500	.35656	.09280	.32147	.18002	-.00863	.05762	-.00033	.00819	.00000	.00000
3.500	.35642	.09328	.32120	.18045	-.00811	.04207	.00053	.00585	.00000	.00000
3.500	.35587	.09433	.32041	.18132	-.00694	.02709	.00110	.00362	.00000	.00000
3.500	.35704	.09458	.32147	.18187	-.00623	.01482	.00054	.00210	.00000	.00000
3.500	.35662	.09462	.32106	.18180	-.00560	.00208	.00024	.00051	.00000	.00000
3.500	.35727	.09419	.32180	.18155	-.00622	-.01130	-.00014	-.00114	.00000	.00000
3.500	.35775	.09417	.32227	.18165	-.00643	-.02374	-.00036	-.00277	.00000	.00000
3.500	.35783	.09372	.32246	.18123	-.00706	-.03734	-.00026	-.00470	.00000	.00000
3.500	.35805	.09301	.32285	.18061	-.00806	-.05377	.00087	-.00723	.00000	.00000
3.500	.35945	.09258	.32430	.18058	-.01022	-.08402	.00168	-.01135	.00000	.00000
3.500	.00024	.00002	.00022	.00008	.00011	-.01353	-.00002	-.00182	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AIRLON = .000 BOFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 190/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-6.001	.29797	.08798	.26895	.15552	-.01032	.08539	-.00113	-.01135	.00000	.00000
4.000	-4.019	.29778	.08817	.26874	.15566	-.00866	.05726	-.00100	.00789	.00000	.00000
4.000	-3.030	.29786	.08825	.26880	.15575	-.00806	.04217	-.00022	.00582	.00000	.00000
4.000	-1.985	.29737	.08843	.26828	.15580	-.00745	.02718	.00063	.00375	.00000	.00000
4.000	-1.021	.29675	.08858	.26765	.15580	-.00686	.01456	.00029	.00219	.00000	.00000
4.000	-.019	.29646	.08880	.26731	.15593	-.00600	.00158	.00015	.00057	.00000	.00000
4.000	.965	.29723	.08857	.26812	.15589	-.00647	-.01016	-.00012	-.00108	.00000	.00000
4.000	1.949	.29774	.08824	.26869	.15570	-.00738	-.02175	-.00037	-.00245	.00000	.00000
4.000	2.970	.29799	.08801	.26899	.15553	-.00753	-.03720	.00042	-.00464	.00000	.00000
4.000	3.992	.29858	.08829	.26950	.15594	-.00793	-.05319	.00143	-.00684	.00000	.00000
4.000	5.995	.29971	.08802	.27066	.15595	-.00944	-.08142	.00173	-.01043	.00000	.00000
GRADIENT		.00008	-.00001	.00008	.00001	.00008	-.01340	.00016	-.00177	.00000	.00000

RUN NO. 202/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-6.001	.31034	.07998	.27994	.15602	-.01090	.07718	.00053	-.01065	.00000	.00000
4.500	-4.019	.31077	.07951	.28047	.15567	-.00978	.05107	-.00010	.00750	.00000	.00000
4.500	-3.011	.31087	.07945	.28059	.15563	-.00974	.03831	.00015	.00574	.00000	.00000
4.500	-1.985	.31084	.07922	.28062	.15540	-.00948	.02426	.00087	.00355	.00000	.00000
4.500	-1.002	.31043	.07927	.28022	.15533	-.00916	.01124	.00118	.00165	.00000	.00000
4.500	.000	.31069	.07953	.28041	.15564	-.00871	.00133	.00019	.00041	.00000	.00000
4.500	.965	.31088	.07985	.28051	.15599	-.00910	-.00882	-.00056	-.00096	.00000	.00000
4.500	1.968	.31132	.07965	.28099	.15591	-.00961	-.02092	-.00055	-.00268	.00000	.00000
4.500	2.988	.31176	.07935	.28149	.15574	-.01039	-.03486	.00012	-.00469	.00000	.00000
4.500	4.011	.31177	.07943	.28147	.15583	-.01072	-.04789	.00035	-.00652	.00000	.00000
4.500	6.013	.31203	.08000	.28157	.15645	-.01165	-.07327	.00009	-.00965	.00000	.00000
GRADIENT		.00013	.00001	.00013	.00004	-.00010	-.01210	-.00005	-.00171	.00000	.00000

LAI31 MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A041) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 217/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.63246	.10215	.56177	.30798	-.03615	.08769	.00651	.01267	.00000	.00000
2.500	-4.000	.63096	.10500	.55936	.31025	-.03180	.05172	.00655	.00742	.00000	.00000
2.500	-3.011	.63097	.10646	.55886	.31167	-.02988	.03773	.00587	.00526	.00000	.00000
2.500	-1.966	.62726	.10820	.55478	.31205	-.02747	.02486	.00407	.00376	.00000	.00000
2.500	-1.002	.62308	.10993	.55622	.31340	-.02623	.01401	.00228	.00305	.00000	.00000
2.500	-.019	.62883	.10890	.55600	.31330	-.02635	.00120	.00021	.00010	.00000	.00000
2.500	.984	.62877	.10888	.55595	.31326	-.02607	-.00910	-.00135	-.00140	.00000	.00000
2.500	1.968	.62870	.10853	.55600	.31290	-.02697	-.02188	-.00358	-.00305	.00000	.00000
2.500	2.970	.62985	.10679	.55768	.31162	-.02872	-.03306	-.00550	-.00464	.00000	.00000
2.500	4.011	.63109	.10444	.55963	.30983	-.03086	-.04799	-.00638	-.00680	.00000	.00000
2.500	6.032	.63282	.10216	.56209	.30816	-.03456	-.08251	-.00654	-.01174	.00000	.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00001	.00013	-.01216	-.00175	-.00173	.00000	.00000

RUN NO. 179/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-5.001	.52964	.08593	.46976	.25928	-.02015	.08137	.00383	.01248	.00000	.00000
3.500	-3.962	.53122	.08600	.47122	.25988	-.01532	.05159	.00344	.00798	.00000	.00000
3.500	-3.011	.53114	.08558	.47093	.26043	-.01817	.03755	.00339	.00581	.00000	.00000
3.500	-1.966	.53055	.08793	.46992	.26152	-.01570	.02353	.00314	.00362	.00000	.00000
3.500	-1.002	.53010	.08862	.46924	.26205	-.01455	.01331	.00165	.00219	.00000	.00000
3.500	.000	.53046	.08833	.46967	.26191	-.01449	.00219	.00020	.00055	.00000	.00000
3.500	.965	.53008	.08855	.46927	.26195	-.01450	-.00873	-.00116	-.00104	.00000	.00000
3.500	1.968	.53037	.08806	.46969	.26161	-.01536	-.01898	-.00282	-.00238	.00000	.00000
3.500	2.970	.53183	.08680	.47151	.26087	-.01721	-.03219	-.00313	-.00451	.00000	.00000
3.500	4.011	.53241	.08590	.47236	.26022	-.01831	-.04695	-.00319	-.00686	.00000	.00000
3.500	5.995	.53234	.08591	.47231	.26018	-.01958	-.07615	-.00345	-.01132	.00000	.00000
3.500	GRADIENT	.00011	.00001	.00010	.00005	.00007	-.01191	-.00102	-.00177	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 191/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.50071	.08172	.44439	.24475	-.01821	.07670	.00448	.01183	.00000	.00000
4.000	-4.019	.50040	.08129	.44424	.24425	-.01723	.05059	.00319	.00829	.00000	.00000
4.000	-2.982	.49995	.08149	.44374	.24432	-.01678	.03722	.00306	.00629	.00000	.00000
4.000	-2.004	.49960	.08274	.44298	.24538	-.01477	.02352	.00286	.00401	.00000	.00000
4.000	-1.002	.49973	.08276	.44310	.24545	-.01418	.01244	.00174	.00230	.00000	.00000
4.000	-.019	.50008	.08235	.44356	.24519	-.01412	.00221	.00013	.00068	.00000	.00000
4.000	.965	.50055	.08260	.44392	.24558	-.01411	-.00799	-.00131	-.00100	.00000	.00000
4.000	2.006	.50050	.08258	.44388	.24554	-.01437	-.01907	-.00238	-.00275	.00000	.00000
4.000	2.970	.50107	.08156	.44476	.24476	-.01558	-.03199	-.00261	-.00483	.00000	.00000
4.000	3.992	.50080	.08101	.44471	.24413	-.01688	-.04572	-.00284	-.00693	.00000	.00000
4.000	6.032	.50070	.08146	.44446	.24453	-.01785	-.07290	-.00410	-.01066	.00000	.00000
	GRADIENT	.00013	-.00002	.00013	.00002	.00010	-.01166	-.00091	-.00185	.00000	.00000

RUN NO. 203/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-5.982	.47557	.07642	.42223	.23180	-.01684	.06969	.00435	.01122	.00000	.00000
4.500	-4.000	.47538	.07495	.42255	.23035	-.01637	.04602	.00308	.00776	.00000	.00000
4.500	-3.011	.47493	.07501	.42210	.23026	-.01616	.03388	.00270	.00585	.00000	.00000
4.500	-1.985	.47531	.07593	.42215	.23125	-.01534	.02150	.00251	.00374	.00000	.00000
4.500	-1.002	.47542	.07610	.42218	.23146	-.01501	.01118	.00137	.00207	.00000	.00000
4.500	.000	.47558	.07599	.42238	.23140	-.01499	.00153	.00008	.00054	.00000	.00000
4.500	.965	.47539	.07608	.42217	.23142	-.01482	-.00742	-.00111	-.00087	.00000	.00000
4.500	2.006	.47584	.07594	.42264	.23144	-.01524	-.01785	-.00214	-.00261	.00000	.00000
4.500	2.970	.47675	.07531	.42372	.23114	-.01630	-.02969	-.00235	-.00463	.00000	.00000
4.500	4.011	.47699	.07522	.42398	.23114	-.01680	-.04205	-.00246	-.00667	.00000	.00000
4.500	5.919	.47673	.07633	.42335	.23211	-.01747	-.06464	-.00372	-.01000	.00000	.00000
	GRADIENT	.00022	.00003	.00019	.00010	-.00003	-.01068	-.00082	-.00175	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A042) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. YMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AIRCRN = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 218/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.83660	.09469	.72100	.43478	-.05025	.07742	.01429	.01222	.00000	.00000
2.500	-4.000	.83593	.09579	.71988	.43556	-.04777	.04828	.01083	.00730	.00000	.00000
2.500	-3.011	.83705	.09694	.72041	.43711	-.04573	.03469	.00917	.00502	.00000	.00000
2.500	-1.985	.83389	.09854	.71690	.43719	-.04394	.02191	.00672	.00306	.00000	.00000
2.500	-1.002	.83438	.09922	.71705	.43803	-.04326	.01204	.00339	.00172	.00000	.00000
2.500	-.019	.83405	.09910	.71681	.43777	-.04306	.00302	.00017	.00060	.00000	.00000
2.500	.984	.83483	.09932	.71743	.43830	-.04270	-.00660	-.00296	-.00069	.00000	.00000
2.500	1.968	.83613	.09852	.71896	.43809	-.04316	-.01668	-.00563	-.00206	.00000	.00000
2.500	2.988	.83631	.09710	.71972	.43685	-.04500	-.02875	-.00896	-.00394	.00000	.00000
2.500	4.011	.83760	.09636	.72120	.43672	-.04671	-.04157	-.01065	-.00596	.00000	.00000
2.500	6.013	.83517	.09412	.71998	.43358	-.04906	-.06991	-.01382	-.01099	.00000	.00000
GRADIENT		.00016	.00005	.00013	.00010	.00014	-.01077	-.00289	-.00154	.00000	.00000

RUN NO. 180/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.72291	.08183	.62273	.37616	-.02979	.07381	.00886	.01243	.00000	.00000
3.500	-4.000	.72428	.08214	.62383	.37704	-.02842	.04608	.00740	.00758	.00000	.00000
3.500	-3.011	.72425	.08256	.62365	.37738	-.02776	.03294	.00678	.00523	.00000	.00000
3.500	-1.985	.72308	.08311	.62234	.37742	-.02625	.02031	.00551	.00311	.00000	.00000
3.500	-1.002	.72304	.08361	.62210	.37786	-.02524	.01011	.00332	.00159	.00000	.00000
3.500	-.019	.72314	.08355	.62219	.37787	-.02471	.00212	.00014	.00064	.00000	.00000
3.500	.965	.72284	.08361	.62191	.37777	-.02504	-.00563	-.00284	-.00036	.00000	.00000
3.500	1.968	.72353	.08313	.62273	.37764	-.02591	-.01515	-.00535	-.00176	.00000	.00000
3.500	2.970	.72405	.08245	.62352	.37719	-.02737	-.02709	-.00665	-.00373	.00000	.00000
3.500	4.011	.72416	.08200	.62380	.37682	-.02851	-.04039	-.00751	-.00599	.00000	.00000
3.500	6.013	.72337	.08185	.62319	.37630	-.02965	-.06703	-.00899	-.01071	.00000	.00000
GRADIENT		-.00001	-.00002	.00000	-.00002	.00003	-.01024	-.00213	-.00155	.00000	.00000

LA131 MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A042) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 192/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.69289	.07786	.59760	.35920	-.02641	.06943	.00850	.01238	.00000	.00000
4.000	-4.019	.69362	.07800	.59821	.35964	-.02510	.04438	.00664	.00800	.00000	.00000
4.000	-3.030	.69429	.07810	.59877	.36002	-.02432	.03267	.00582	.00588	.00000	.00000
4.000	-1.985	.69445	.07859	.59871	.36054	-.02362	.02004	.00492	.00355	.00000	.00000
4.000	-.983	.69378	.07872	.59803	.36040	-.02264	.00989	.00292	.00182	.00000	.00000
4.000	-.019	.69315	.07851	.59754	.35996	-.02234	.00216	.00029	.00062	.00000	.00000
4.000	.965	.69341	.07862	.59773	.36016	-.02249	-.00513	-.00248	-.00055	.00000	.00000
4.000	1.968	.69449	.07829	.59886	.36031	-.02334	-.01495	-.00452	-.00223	.00000	.00000
4.000	2.988	.69472	.07789	.59926	.35999	-.02445	-.02658	-.00560	-.00429	.00000	.00000
4.000	4.011	.69490	.07779	.59945	.35999	-.02506	-.03922	-.00647	-.00657	.00000	.00000
4.000	5.995	.69326	.07826	.59782	.35965	-.02600	-.06336	-.00832	-.01072	.00000	.00000
4.000	GRADIENT	.00010	-.00004	.00011	.00001	.00001	-.00995	-.00185	-.00171	.00000	.00000

RUN NO. 204/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.66135	.07320	.57067	.34216	-.02613	.06435	.00766	.01204	.00000	.00000
4.500	-4.000	.66300	.07291	.57228	.34261	-.02550	.04152	.00516	.00821	.00000	.00000
4.500	-3.011	.66339	.07311	.57256	.34294	-.02495	.03100	.00434	.00611	.00000	.00000
4.500	-2.004	.66328	.07321	.57241	.34300	-.02462	.01984	.00374	.00382	.00000	.00000
4.500	-1.002	.66418	.07320	.57324	.34335	-.02446	.00390	.00225	.00204	.00000	.00000
4.500	.000	.66362	.07304	.57280	.34296	-.02448	.00206	.00005	.00069	.00000	.00000
4.500	.984	.66379	.07305	.57296	.34302	-.02461	-.00537	-.00215	-.00064	.00000	.00000
4.500	1.987	.66381	.07293	.57303	.34292	-.02525	-.01519	-.00370	-.00233	.00000	.00000
4.500	2.988	.66409	.07290	.57331	.34300	-.02571	-.02597	-.00443	-.00446	.00000	.00000
4.500	4.011	.66389	.07325	.57299	.34322	-.02618	-.03704	-.00529	-.00664	.00000	.00000
4.500	6.013	.66252	.07417	.57136	.34348	-.02670	-.05872	-.00738	-.01045	.00000	.00000
4.500	GRADIENT	.00011	.00000	.00010	.00004	-.00011	-.00951	-.00145	-.00177	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A043) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 219 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.254	.25861	.12457	.23432	.16580	-.00080	-.01156	.00762	-.00403	.00000	.00000
2.500	-11.680	.26037	.12401	.23615	.16554	-.00154	-.00993	.00684	-.00362	.00000	.00000
2.500	-9.853	.25915	.12358	.23503	.16491	-.00217	-.00854	.00603	-.00313	.00000	.00000
2.500	-8.269	.25948	.12295	.23546	.16432	-.00268	-.00694	.00506	-.00255	.00000	.00000
2.500	-6.599	.26022	.12254	.23626	.16405	-.00325	-.00557	.00406	-.00201	.00000	.00000
2.500	-4.906	.25981	.12223	.23592	.16366	-.00350	-.00322	.00301	-.00144	.00000	.00000
2.500	-3.285	.25931	.12200	.23546	.16335	-.00377	-.00153	.00209	-.00089	.00000	.00000
2.500	-1.810	.26104	.12188	.23718	.16352	-.00379	-.00014	.00122	-.00043	.00000	.00000
2.500	-.906	.25935	.12187	.23554	.16322	-.00390	.00017	.00082	-.00015	.00000	.00000
2.500	.011	.26067	.12176	.23684	.16333	-.00402	.00160	.00017	-.00018	.00000	.00000
2.500	.872	.25998	.12190	.23614	.16336	-.00390	.00239	.00061	.00064	.00000	.00000
2.500	1.602	.26042	.12188	.23658	.16341	-.00391	.00372	.00100	.00076	.00000	.00000
2.500	GRADIENT	.00010	-.00005	.00011	-.00003	-.00006	.00101	-.00062	.00034	.00000	.00000

RUN NO. 181 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.254	.19922	.10183	.17935	.13376	.00226	-.00906	.00671	-.00316	.00000	.00000
3.500	-11.694	.19967	.10118	.17990	.13119	.00141	-.00773	.00601	-.00277	.00000	.00000
3.500	-9.848	.19898	.10036	.17938	.13225	.00051	-.00653	.00512	-.00229	.00000	.00000
3.500	-8.223	.20020	.09995	.18064	.13205	.00007	-.00520	.00443	-.00193	.00000	.00000
3.500	-6.596	.20030	.09951	.18082	.13163	-.00059	-.00388	.00364	-.00151	.00000	.00000
3.500	-4.925	.20083	.09909	.18142	.13130	-.00100	-.00218	.00266	-.00097	.00000	.00000
3.500	-3.279	.20099	.09881	.18163	.13105	-.00119	-.00087	.00180	-.00050	.00000	.00000
3.500	-1.806	.19970	.09862	.18064	.13064	-.00144	.00005	.00112	-.00014	.00000	.00000
3.500	-.892	.20080	.09858	.18148	.13133	-.00133	.00134	.00071	.00015	.00000	.00000
3.500	-.049	.20065	.09856	.18133	.13074	-.00145	.00197	.00015	.00043	.00000	.00000
3.500	1.883	.20040	.09863	.18107	.13076	-.00138	.00290	.00047	.00076	.00000	.00000
3.500	1.677	.20050	.09862	.18117	.13077	-.00119	.00407	.00091	.00108	.00000	.00000
3.500	GRADIENT	-.00005	-.00007	-.00004	-.00008	-.00004	.00093	-.00054	.00031	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 193/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.227	.17811	.09636	.15954	.12472	-.00080	-.00705	.00611	-.00275	.00000	.00000
4.000	-11.680	.17861	.09565	.16016	.12409	-.00140	-.00612	.00541	-.00239	.00000	.00000
4.000	-9.912	.17870	.09500	.16036	.12346	-.00224	-.00452	.00461	-.00192	.00000	.00000
4.000	-8.240	.17920	.09452	.16094	.12307	-.00294	-.00325	.00390	-.00154	.00000	.00000
4.000	-6.599	.17967	.09409	.16147	.12273	-.00344	-.00188	.00313	-.00113	.00000	.00000
4.000	-4.933	.17940	.09362	.16129	.12221	-.00385	-.00074	.00228	-.00071	.00000	.00000
4.000	-3.239	.17997	.09348	.16188	.12217	-.00401	.00075	.00152	-.00027	.00000	.00000
4.000	-1.791	.17827	.09340	.16120	.12196	-.00405	.00191	.00085	.00010	.00000	.00000
4.000	-.911	.17934	.09333	.16129	.12191	-.00413	.00220	.00047	.00024	.00000	.00000
4.000	-.052	.17944	.09261	.16150	.12121	-.00412	.00261	.00017	.00050	.00000	.00000
4.000	.914	.18002	.09278	.16204	.12148	-.00403	.00389	-.00047	.00090	.00000	.00000
4.000	1.677	.17927	.09277	.16130	.12135	-.00412	.00429	-.00087	.00108	.00000	.00000
4.000	GRADIENT	-.00000	-.00015	.00002	-.00015	-.00003	.00074	-.00047	.00027	.00000	.00000

RUN NO. 211/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.276	.16554	.08838	.14833	.11494	-.00249	-.00805	.00565	-.00263	.00000	.00000
4.500	-11.689	.16608	.08771	.14899	.11437	-.00328	-.00691	.00504	-.00231	.00000	.00000
4.500	-9.836	.16662	.08702	.14964	.11377	-.00423	-.00565	.00433	-.00189	.00000	.00000
4.500	-8.258	.16670	.08643	.14981	.11320	-.00504	-.00425	.00360	-.00148	.00000	.00000
4.500	-6.577	.16727	.08594	.15046	.11282	-.00559	-.00299	.00289	-.00108	.00000	.00000
4.500	-4.933	.16785	.08574	.15107	.11272	-.00589	-.00174	.00207	-.00069	.00000	.00000
4.500	-3.272	.16799	.08556	.15123	.11256	-.00617	-.00033	.00138	-.00029	.00000	.00000
4.500	-1.798	.16761	.08525	.15090	.11220	-.00630	.00013	.00082	.00000	.00000	.00000
4.500	-.892	.16765	.08515	.15096	.11210	-.00635	.00063	.00052	.00017	.00000	.00000
4.500	-.012	.16727	.08515	.15059	.11205	-.00645	.00126	.00017	.00041	.00000	.00000
4.500	.876	.16791	.08526	.15119	.11226	-.00632	.00239	-.00050	-.00076	.00000	.00000
4.500	1.677	.16747	.08534	.15074	.11227	-.00638	.00289	-.00082	.00093	.00000	.00000
4.500	GRADIENT	-.00006	-.00007	-.00005	-.00008	-.00007	.00067	-.00043	.00024	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 BETA = .000

RUN NO. 205/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.254	.16506	.08877	.14780	.11524	-.00247	-.00805	.00565	-.00266	.00000	.00000
4.500	-11.698	.16555	.08806	.14840	.11463	-.00339	-.00704	.00506	-.00233	.00000	.00000
4.500	-9.948	.16563	.08748	.14858	.11406	-.00434	-.00565	.00431	-.00191	.00000	.00000
4.500	-8.240	.16620	.08698	.14922	.11367	-.00489	-.00425	.00362	-.00150	.00000	.00000
4.500	-6.606	.16580	.08651	.14892	.11313	-.00557	-.00326	.00287	-.00117	.00000	.00000
4.500	-4.929	.16640	.08620	.14956	.11293	-.00601	-.00174	.00207	-.00066	.00000	.00000
4.500	-3.285	.16697	.08599	.15015	.11282	-.00641	-.00048	.00136	-.00027	.00000	.00000
4.500	-1.798	.16755	.08579	.15075	.11272	-.00639	.00027	.00084	-.00001	.00000	.00000
4.500	-.897	.16713	.08579	.15034	.11266	-.00646	.00049	.00052	.00014	.00000	.00000
4.500	-.024	.16675	.08580	.14996	.11260	-.00642	.00139	.00011	.00039	.00000	.00000
4.500	.865	.16690	.08581	.15011	.11263	-.00642	.00225	-.00052	.00074	.00000	.00000
4.500	1.665	.16693	.08597	.15010	.11281	-.00648	.00289	-.00084	.00091	.00000	.00000
	GRADIENT	.00004	-.00004	.00004	-.00003	-.00005	.00068	-.00044	.00024	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 70.000 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.254	.44056	.11830	.39653	.22569	-.01169	-.01088	.00756	-.00372	.00000	.00000
2.500	-11.676	.44040	.11770	.39645	.22503	-.01222	-.00962	.00684	-.00333	.00000	.00000
2.500	-9.968	.44241	.11723	.39850	.22509	-.01302	-.00799	.00607	-.00300	.00000	.00000
2.500	-8.277	.44119	.11678	.39744	.22434	-.01354	-.00655	.00512	-.00237	.00000	.00000
2.500	-6.592	.44234	.11628	.39868	.22414	-.01424	-.00440	.00420	-.00186	.00000	.00000
2.500	-4.914	.44256	.11603	.39895	.22395	-.01467	-.00274	.00315	-.00132	.00000	.00000
2.500	-3.228	.44253	.11589	.39898	.22379	-.01473	-.00129	.00225	-.00075	.00000	.00000
2.500	-1.791	.44155	.11577	.39806	.22342	-.01507	.00000	.00134	-.00027	.00000	.00000
2.500	-.926	.44177	.11576	.39828	.22346	-.01500	.00064	.00104	-.00005	.00000	.00000
2.500	-.043	.44148	.11563	.39804	.22326	-.01508	.00137	.00036	-.00029	.00000	.00000
2.500	.872	.44251	.11571	.39901	.22360	-.01493	.00309	.00069	.00069	.00000	.00000
2.500	1.631	.44226	.11570	.39877	.22352	-.01486	.00364	-.00071	.00092	.00000	.00000
2.500	GRADIENT	-.00006	-.00005	-.00004	-.00007	-.00004	.00098	-.00060	.00034	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.272	.35554	.09727	.31926	.18424	-.00262	-.00863	.00613	-.00287	.00000	.00000
3.500	-11.698	.35621	.09672	.32005	.18387	-.00307	-.00729	.00549	-.00244	.00000	.00000
3.500	-9.840	.35632	.09607	.32032	.18326	-.00392	-.00586	.00475	-.00202	.00000	.00000
3.500	-8.240	.35623	.09559	.32036	.18278	-.00445	-.00492	.00416	-.00174	.00000	.00000
3.500	-6.592	.35744	.09523	.32163	.18273	-.00491	-.00340	.00336	-.00127	.00000	.00000
3.500	-4.917	.35709	.09486	.32139	.18228	-.00531	-.00199	.00249	-.00077	.00000	.00000
3.500	-3.269	.35703	.09459	.32139	.18199	-.00568	-.00058	.00167	-.00032	.00000	.00000
3.500	-1.828	.35745	.09446	.32184	.18198	-.00581	.00047	.00109	-.00001	.00000	.00000
3.500	-.853	.35706	.09437	.32149	.18178	-.00579	.00113	.00073	-.00022	.00000	.00000
3.500	-.046	.35746	.09436	.32187	.18187	-.00578	.00199	.00032	.00046	.00000	.00000
3.500	.879	.35788	.09435	.32229	.18197	-.00571	.00282	-.00032	.00076	.00000	.00000
3.500	1.694	.3568E	.09428	.32132	.18163	-.00561	.00369	-.00070	.00104	.00000	.00000
3.500	GRADIENT	.00004	-.00008	.00006	-.00007	-.00004	.00084	-.00048	.00027	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A045) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 194/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.254	.32685	.09033	.29358	.16971	-.00377	-.00614	.00541	-.00216	.00000	.00000
4.000	-11.671	.32732	.08977	.29418	.16927	-.00445	-.00520	.00482	-.00185	.00000	.00000
4.000	-9.800	.32776	.08919	.29476	.16882	-.00525	-.00392	.00418	-.00150	.00000	.00000
4.000	-8.254	.32749	.08880	.29460	.16837	-.00561	-.00299	.00358	-.00115	.00000	.00000
4.000	-6.603	.32794	.08838	.29514	.16808	-.00629	-.00182	.00297	-.00082	.00000	.00000
4.000	-4.925	.32770	.08808	.29499	.16771	-.00647	-.00057	.00216	-.00039	.00000	.00000
4.000	-3.289	.32827	.08783	.29559	.16762	-.00673	.00070	.00147	.00005	.00000	.00000
4.000	-1.784	.32871	.08774	.29605	.16764	-.00684	.00189	.00094	.00037	.00000	.00000
4.000	-.926	.32838	.08767	.29575	.16749	-.00681	.00218	.00060	.00050	.00000	.00000
4.000	-.021	.32766	.08761	.29508	.16723	-.00689	.00281	.00024	.00071	.00000	.00000
4.000	.907	.32769	.08767	.29509	.16730	-.00680	.00375	-.00040	-.00104	.00000	.00000
4.000	1.689	.32824	.08760	.29563	.16738	-.00666	.00439	-.00072	.00125	.00000	.00000
4.000	GRADIENT	-.00000	-.00007	.00001	-.00007	-.00003	.00073	-.00043	.00024	.00000	.00000

RUN NO. 206/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.268	.30919	.08144	.27858	.15692	-.00621	-.00608	.00458	-.00202	.00000	.00000
4.500	-11.716	.30920	.08114	.27867	.15663	-.00656	-.00531	.00418	-.00180	.00000	.00000
4.500	-9.848	.30926	.08066	.27895	.15617	-.00707	-.00443	.00368	-.00152	.00000	.00000
4.500	-8.273	.30933	.08035	.27899	.15590	-.00758	-.00356	.00316	-.00118	.00000	.00000
4.500	-6.596	.30940	.07998	.27916	.15555	-.00783	-.00254	.00262	-.00091	.00000	.00000
4.500	-4.921	.30998	.07978	.27977	.15550	-.00822	-.00154	.00200	-.00059	.00000	.00000
4.500	-3.282	.30961	.07959	.27946	.15523	-.00848	-.00053	.00142	-.00024	.00000	.00000
4.500	-1.780	.31019	.07940	.28007	.15518	-.00846	.00035	.00092	.00006	.00000	.00000
4.500	-.892	.30926	.07931	.27920	.15486	-.00866	.00072	.00066	.00019	.00000	.00000
4.500	-.043	.30983	.07931	.27974	.15501	-.00858	.00122	.00038	.00036	.00000	.00000
4.500	.876	.30947	.07923	.27942	.15483	-.00857	.00224	-.00016	.00067	.00000	.00000
4.500	1.688	.30956	.07924	.27951	.15487	-.00851	.00260	-.00048	.00083	.00000	.00000
4.500	GRADIENT	-.00006	-.00008	-.00004	-.00010	-.00004	.00063	-.00037	.00021	.00000	.00000

LAI31,MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A046) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 BETA = .000

RUN NO. 221/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.259	.62818	.11108	.55446	.31547	-.02301	-.00948	.00715	-.00344	.00000	.00000
2.500	-11.689	.62923	.11073	.55557	.31548	-.02372	-.00836	.00656	-.00310	.00000	.00000
2.500	-9.960	.62676	.11029	.55341	.31421	-.02408	-.00748	.00589	-.00269	.00000	.00000
2.500	-8.254	.62870	.11000	.55533	.31460	-.02469	-.00570	.00505	-.00233	.00000	.00000
2.500	-6.585	.62968	.10943	.55644	.31440	-.02543	-.00432	.00417	-.00190	.00000	.00000
2.500	-4.903	.62984	.10930	.55663	.31435	-.02580	-.00235	.00319	-.00128	.00000	.00000
2.500	-3.254	.62900	.10902	.55596	.31374	-.02601	-.00113	.00227	-.00080	.00000	.00000
2.500	-1.806	.63042	.10872	.55739	.31396	-.02646	.00057	.00148	-.00030	.00000	.00000
2.500	-.872	.62978	.10874	.55678	.31375	-.02647	.00104	.00110	-.00011	.00000	.00000
2.500	-.037	.62999	.10866	.55700	.31376	-.02651	.00194	.00054	.00017	.00000	.00000
2.500	.876	.62978	.10886	.55676	.31385	-.02611	.00317	-.00030	.00070	.00000	.00000
2.500	1.654	.62947	.10890	.55646	.31376	-.02612	.00372	-.00063	.00085	.00000	.00000
2.500	GRADIENT	.00001	-.00006	.00004	-.00006	-.00005	.00094	-.00059	.00033	.00000	.00000

RUN NO. 183/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.281	.52909	.08987	.46786	.26289	-.01264	-.00552	.00478	-.00200	.00000	.00000
3.500	-11.702	.52912	.08958	.46800	.26262	-.01313	-.00487	.00433	-.00180	.00000	.00000
3.500	-9.820	.52996	.08936	.46886	.26271	-.01334	-.00382	.00381	-.00150	.00000	.00000
3.500	-8.269	.52989	.08912	.46887	.26245	-.01362	-.00317	.00342	-.00122	.00000	.00000
3.500	-6.599	.52946	.08893	.46853	.26212	-.01405	-.00224	.00282	-.00088	.00000	.00000
3.500	-4.917	.52947	.08863	.46866	.26183	-.01430	-.00090	.00217	-.00046	.00000	.00000
3.500	-3.272	.52966	.08850	.46889	.26176	-.01454	.00012	.00149	-.00011	.00000	.00000
3.500	-1.824	.53050	.08836	.46972	.26191	-.01474	.00097	.00100	.00016	.00000	.00000
3.500	-.882	.52965	.08840	.46891	.26165	-.01480	.00153	.00066	.00038	.00000	.00000
3.500	-.046	.53038	.08839	.46961	.26188	-.01470	.00220	.00027	.00057	.00000	.00000
3.500	.876	.52950	.08836	.46880	.26153	-.01471	.00303	-.00030	.00088	.00000	.00000
3.500	1.693	.52923	.08837	.46856	.26144	-.01459	.00380	-.00062	.00110	.00000	.00000
3.500	GRADIENT	-.00002	-.00004	.00000	-.00005	-.00005	.00070	-.00042	.00023	.00000	.00000

LAI31 MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A046) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 ATLRON = .300 BDFLAP = .000
 SFCBRK = 70.000 BETA = .000

PARAMETRIC DATA

RUN NO. 195/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CB-	ELEVON	ATLRON
4.000	-13.272	.49789	.08340	.44113	.24546	-.01290	-.00363	.00398	-.00132	.00000	.00000
4.000	-11.689	.49751	.08315	.44086	.24510	-.01320	-.00352	.00352	-.00112	.00000	.00000
4.000	-9.840	.49762	.08292	.44104	.24492	-.01351	-.00238	.00310	-.00091	.00000	.00000
4.000	-8.227	.49930	.08299	.44260	.24556	-.01345	-.00115	.00284	-.00066	.00000	.00000
4.000	-6.603	.49978	.08274	.44313	.24549	-.01377	-.00077	.00237	-.00043	.00000	.00000
4.000	-4.917	.49953	.08267	.44292	.24534	-.01368	.00029	.00182	-.00009	.00000	.00000
4.000	-3.257	.50002	.08250	.44344	.24534	-.01400	.00136	.00130	.00024	.00000	.00000
4.000	-1.772	.49887	.08243	.44238	.24487	-.01400	.00186	.00083	.00049	.00000	.00000
4.000	-.911	.49973	.08242	.44319	.24516	-.01405	.00239	.00060	.00066	.00000	.00000
4.000	.020	.50011	.08241	.44355	.24527	-.01419	.00283	.00043	.00077	.00000	.00000
4.000	.897	.50033	.08236	.44379	.24529	-.01410	.00368	-.00018	.00110	.00000	.00000
4.000	1.694	.50005	.08230	.44355	.24513	-.01405	.00419	-.00043	.00123	.00000	.00000
4.000	GRADIENT	.00010	-.00005	.00011	-.00002	-.00006	.00058	-.00034	.00020	.00000	.00000

RUN NO. 207/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CB-	ELEVON	ATLRON
4.500	-13.281	.47479	.07669	.42145	.23169	-.01401	-.00310	.00288	-.00108	.00000	.00000
4.500	-11.712	.47486	.07640	.42162	.23144	-.01421	-.00273	.00260	-.00089	.00000	.00000
4.500	-9.857	.47537	.07630	.42214	.23151	-.01453	-.00210	.00228	-.00070	.00000	.00000
4.500	-8.288	.47587	.07609	.42267	.23150	-.01460	-.00159	.00198	-.00053	.00000	.00000
4.500	-6.606	.47592	.07609	.42272	.23150	-.01468	-.00097	.00161	-.00028	.00000	.00000
4.500	-4.933	.47554	.07600	.42239	.23129	-.01476	.00008	.00128	-.00004	.00000	.00000
4.500	-3.272	.47611	.07599	.42293	.23148	-.01484	.00056	.00086	.00018	.00000	.00000
4.500	-1.810	.47572	.07590	.42259	.23126	-.01491	.00119	.00055	.00039	.00000	.00000
4.500	-.844	.47571	.07581	.42262	.23117	-.01482	.00131	.00040	.00046	.00000	.00000
4.500	-.067	.47582	.07563	.42279	.23103	-.01500	.00169	.00021	.00058	.00000	.00000
4.500	.883	.47579	.07571	.42274	.23110	-.01494	.00218	-.00018	.00078	.00000	.00000
4.500	1.677	.47542	.07564	.42241	.23089	-.01473	.00256	-.00033	.00089	.00000	.00000
4.500	GRADIENT	-.00002	-.00006	.00000	-.00007	-.00001	.00037	-.00024	.00014	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 222/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.286	.83145	.10031	.71425	.43728	-.04097	-.00706	.00595	-.00274	.00000	.00000
2.500	-11.698	.83076	.09997	.71379	.43664	-.04172	-.00615	.00544	-.00255	.00000	.00000
2.500	-9.881	.83235	.09966	.71534	.43708	-.04191	-.00504	.00484	-.00208	.00000	.00000
2.500	-8.277	.83122	.09953	.71439	.43645	-.04221	-.00401	.00417	-.00177	.00000	.00000
2.500	-6.596	.83124	.09938	.71447	.43631	-.04239	-.00293	.00334	-.00128	.00000	.00000
2.500	-4.910	.83301	.09909	.71619	.43681	-.04296	-.00131	.00251	-.00079	.00000	.00000
2.500	-3.239	.83217	.09916	.71540	.43652	-.04283	.00001	.00176	-.00038	.00000	.00000
2.500	-2.801	.83186	.09922	.71508	.43646	-.04262	.00038	.00168	-.00027	.00000	.00000
2.500	-1.802	.83194	.09903	.71523	.43632	-.04306	.00133	.00099	.00004	.00000	.00000
2.500	-.844	.83243	.09921	.71560	.43670	-.04297	.00174	.00073	.00021	.00000	.00000
2.500	-.006	.83205	.09933	.71522	.43662	-.04309	.00249	.00017	.00049	.00000	.00000
2.500	.858	.83332	.09913	.71643	.43701	-.04313	.00375	.00046	.00090	.00000	.00000
2.500	1.619	.83324	.09912	.71636	.43697	-.04300	.00463	.00070	.00112	.00000	.00000
2.500	GRADIENT	.00010	.00001	.00008	.00005	-.00004	.00088	-.00051	.00029	.00000	.00000

RUN NO. 184/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.299	.72104	.08477	.61991	.37788	-.02331	-.00328	.00355	-.00133	.00000	.00000
3.500	-11.662	.72143	.08461	.62033	.37790	-.02368	-.00252	.00319	-.00107	.00000	.00000
3.500	-9.848	.72167	.08437	.62064	.37778	-.02386	-.00197	.00279	-.00085	.00000	.00000
3.500	-8.254	.72139	.08423	.62046	.37754	-.02404	-.00130	.00246	-.00066	.00000	.00000
3.500	-6.603	.72159	.08405	.62071	.37746	-.02422	-.00055	.00204	-.00038	.00000	.00000
3.500	-4.914	.72203	.08394	.62115	.37754	-.02462	.00019	.00155	-.00013	.00000	.00000
3.500	-3.275	.72157	.08379	.62081	.37720	-.02461	.00095	.00115	.00010	.00000	.00000
3.500	-1.821	.72164	.08378	.62087	.37723	-.02480	.00150	.00070	.00032	.00000	.00000
3.500	-.877	.72221	.08384	.62136	.37753	-.02466	.00188	.00054	.00045	.00000	.00000
3.500	-.012	.72207	.08378	.62127	.37740	-.02479	.00214	.00024	.00058	.00000	.00000
3.500	.876	.72240	.08394	.62154	.37760	-.02474	.00292	-.00003	.00074	.00000	.00000
3.500	1.688	.72192	.08384	.62111	.37738	-.02473	.00329	-.00029	.00094	.00000	.00000
3.500	GRADIENT	.00005	-.00001	.00005	.00001	-.00002	.00046	-.00028	.00016	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A047) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPCBRK = 70.000 BETA = .000

RUN NO. 196/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-13.281	.69036	.07932	.59481	.35930	-.02129	-.00133	.00287	-.00072	.00000	.00000
4.000	-11.712	.69065	.07913	.59514	.35926	-.02155	-.00102	.00264	-.00060	.00000	.00000
4.000	-9.840	.69026	.07897	.59486	.35894	-.02174	-.00062	.00231	-.00044	.00000	.00000
4.000	-8.265	.69078	.07882	.59540	.35901	-.02190	-.00008	.00209	-.00027	.00000	.00000
4.000	-6.606	.69120	.07873	.59581	.35912	-.02196	.00034	.00179	-.00016	.00000	.00000
4.000	-4.936	.69052	.07868	.59521	.35879	-.02213	.00073	.00143	.00008	.00000	.00000
4.000	-3.302	.69042	.07853	.59518	.35862	-.02240	.00148	.00109	.00029	.00000	.00000
4.000	-1.769	.69086	.07853	.59568	.35880	-.02224	.00178	.00082	.00044	.00000	.00000
4.000	-.868	.69040	.07852	.59516	.35860	-.02237	.00210	.00070	.00050	.00000	.00000
4.000	-.052	.69088	.07844	.59563	.35873	-.02239	.00221	.00065	.00057	.00000	.00000
4.000	.886	.69060	.07845	.59537	.35862	-.02225	.00295	.00027	.00081	.00000	.00000
4.000	1.683	.69080	.07848	.59555	.35871	-.02239	.00316	.00015	.00087	.00000	.00000
4.000	GRADIENT	.00004	-.00003	.00005	-.00001	-.00002	.00035	-.00019	.00012	.00000	.00000

RUN NO. 208/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-13.286	.66330	.07349	.57227	.34333	-.02371	-.00080	.00184	-.00034	.00000	.00000
4.500	-11.685	.66481	.07348	.57363	.34397	-.02374	-.00042	.00162	-.00024	.00000	.00000
4.500	-9.853	.66475	.07337	.57364	.34384	-.02392	-.00005	.00139	-.00008	.00000	.00000
4.500	-8.258	.66429	.07328	.57325	.34357	-.02396	.00033	.00121	-.00002	.00000	.00000
4.500	-6.585	.66345	.07318	.57253	.34312	-.02428	.00084	.00100	.00020	.00000	.00000
4.500	-4.929	.66402	.07310	.57309	.34326	-.02433	.00108	.00079	.00033	.00000	.00000
4.500	-3.302	.66403	.07310	.57310	.34327	-.02417	.00145	.00051	.00044	.00000	.00000
4.500	-1.802	.66453	.07299	.57359	.34339	-.02417	.00183	.00031	.000361	.00000	.00000
4.500	-.906	.66455	.07309	.57356	.34350	-.02418	.00195	.00022	.00060	.00000	.00000
4.500	-.052	.66410	.07299	.57320	.34322	-.02448	.00220	.00005	.00071	.00000	.00000
4.500	.865	.66410	.07299	.57320	.34321	-.02437	.00246	-.00003	.00080	.00000	.00000
4.500	1.648	.66462	.07300	.57368	.34342	-.02440	.00257	-.00020	.00086	.00000	.00000
4.500	GRADIENT	.00006	-.00002	.00006	-.00001	-.00002	.00023	-.00014	.00008	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A048) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = .000
 AILRON = .000
 SPDBRK = .000
 ELEVON = .000
 BDFLAP = .000
 BETA = .000

RUN NO. 223/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.303	1.13570	.08310	.92416	-.06579	-.00307	-.00494	-.00195	.00000	.00000	.00000	.00000
2.500	-11.680	1.13950	.08301	.92744	-.06566	-.00213	.00465	-.00174	.00000	.00000	.00000	.00000
2.500	-9.860	1.13750	.08264	.92599	-.06509	-.00147	.00414	-.00144	.00000	.00000	.00000	.00000
2.500	-8.297	1.13740	.08238	.92605	-.06558	-.00087	.00361	-.00123	.00000	.00000	.00000	.00000
2.500	-6.606	1.13780	.08221	.92549	-.06691	.00010	.00315	-.00078	.00000	.00000	.00000	.00000
2.500	-4.914	1.13880	.08195	.92738	-.06690	.00091	.00249	-.00056	.00000	.00000	.00000	.00000
2.500	-3.269	1.13930	.08184	.92793	-.06752	.00212	.00199	-.00021	.00000	.00000	.00000	.00000
2.500	-1.784	1.13810	.08188	.92684	-.06732	.00256	.00150	.00004	.00000	.00000	.00000	.00000
2.500	-.877	1.13970	.08191	.92827	-.06782	.00321	.00125	.00022	.00000	.00000	.00000	.00000
2.500	-.012	1.13940	.08194	.92794	-.06763	.00393	.00103	.00036	.00000	.00000	.00000	.00000
2.500	.858	1.13970	.08197	.92818	-.06755	.00475	.00048	.00069	.00000	.00000	.00000	.00000
2.500	1.613	1.13980	.08187	.92830	-.06760	.00511	.00031	.00076	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00016	.00000	.00014	-.00009	.00064	-.00034	.00020	.00000	.00000	.00000	.00000

RUN NO. 185/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.308	1.03370	.07456	.84060	-.04509	.00625	-.04509	.00125	.00216	-.00021	.00000	.00000
3.500	-11.680	1.03460	.07501	.84110	-.04404	.00718	-.04404	.00122	.00199	-.00013	.00000	.00000
3.500	-9.833	1.03430	.07449	.84114	-.04526	.00650	-.04526	.00180	.00181	.00004	.00000	.00000
3.500	-8.273	1.03470	.07444	.84147	-.04543	.00665	-.04543	.00217	.00154	.00011	.00000	.00000
3.500	-6.606	1.03510	.07485	.84244	-.04417	.00784	-.04417	.00203	.00130	.00023	.00000	.00000
3.500	-4.921	1.03510	.07435	.84187	-.04511	.00679	-.04511	.00272	.00112	.00035	.00000	.00000
3.500	-3.261	1.03420	.07433	.84114	-.04513	.00633	-.04513	.00311	.00105	.00048	.00000	.00000
3.500	-1.795	1.03450	.07439	.84136	-.04518	.00654	-.04518	.00316	.00071	.00062	.00000	.00000
3.500	-.882	1.03470	.07430	.84162	-.04532	.00652	-.04532	.00377	.00074	.00074	.00000	.00000
3.500	-.043	1.03490	.07424	.84177	-.04543	.00655	-.04543	.00346	.00066	.00066	.00000	.00000
3.500	.890	1.03560	.07446	.84228	-.04498	.00713	-.04498	.00362	.00074	.00074	.00000	.00000
3.500	1.677	1.03480	.07447	.84161	-.04501	.00661	-.04501	.00400	.00090	.00090	.00000	.00000
3.500	GRADIENT	.00006	.00001	.00005	.00001	.00003	.00017	-.00014	-.00014	.00007	.00000	.00000

LAI131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A048) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = .000
 AILRON = .000
 SPDRK = 70.000
 ELEVON = .000
 BDELAP = .000
 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.285	.99609	.07110	.81146	.58204	.58204	-.04314	.00247	.00172	.00024	.00000	.00000
4.000	-11.712	.99861	.07185	.81315	.58409	.58409	-.04096	.00188	.00156	.00021	.00000	.00000
4.000	-9.933	.99843	.07154	.81320	.58368	.58368	-.04154	.00256	.00152	.00037	.00000	.00000
4.000	-8.254	.99801	.07154	.81283	.58349	.58349	-.04125	.00277	.00141	.00044	.00000	.00000
4.000	-6.606	.99876	.07137	.81356	.58373	.58373	-.04162	.00296	.00113	.00049	.00000	.00000
4.000	-4.921	.99872	.07135	.81354	.58369	.58369	-.04185	.00410	.00110	.00072	.00000	.00000
4.000	-3.305	.99843	.07121	.81337	.58341	.58341	-.04173	.00298	.00061	.00073	.00000	.00000
4.000	-1.761	.99875	.07153	.81347	.58386	.58386	-.04117	.00414	.00064	.00089	.00000	.00000
4.000	-.877	.99775	.07077	.81305	.58262	.58262	-.04319	.00374	.00036	.00092	.00000	.00000
4.000	-.021	.99734	.07097	.81259	.58259	.58259	-.04257	.00408	.00031	.00095	.00000	.00000
4.000	.872	.99895	.07131	.81378	.58374	.58374	-.04159	.00372	.00022	.00094	.00000	.00000
4.000	1.677	.99879	.07130	.81367	.58362	.58362	-.04169	.00476	.00025	.00109	.00000	.00000
4.000	GRADIENT	-.00002	-.00002	.00000	-.00004	-.00004	-.00003	.00010	-.00013	.00005	.00000	.00000

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.290	.96425	.06740	.78559	.56317	.56317	-.04562	.00186	.00121	.00038	.00000	.00000
4.500	-11.694	.96331	.06719	.78488	.56253	.56253	-.04607	.00154	.00099	.00040	.00000	.00000
4.500	-9.857	.96441	.06731	.78575	.56321	.56321	-.04562	.00075	.00056	.00042	.00000	.00000
4.500	-8.305	.96373	.06710	.78529	.56267	.56267	-.04582	.00236	.00093	.00050	.00000	.00000
4.500	-6.610	.96474	.06740	.78599	.56346	.56346	-.04507	.00247	.00071	.00059	.00000	.00000
4.500	-4.933	.96329	.06659	.78522	.56195	.56195	-.04759	.00326	.00062	.00076	.00000	.00000
4.500	-3.243	.96493	.06750	.78608	.56366	.56366	-.04489	.00281	.00033	.00082	.00000	.00000
4.500	-1.802	.96439	.06741	.78567	.56330	.56330	-.04498	.00219	-.00015	.00083	.00000	.00000
4.500	-.887	.96392	.06699	.78551	.56268	.56268	-.04648	.00335	.00026	.00083	.00000	.00000
4.500	-.076	.96347	.06710	.78508	.56252	.56252	-.04624	.00361	.00019	.00095	.00000	.00000
4.500	.879	.96379	.06697	.78540	.56260	.56260	-.04636	.00430	.00026	.00105	.00000	.00000
4.500	1.660	.96504	.06742	.78623	.56364	.56364	-.04499	.00357	-.00011	.00103	.00000	.00000
4.500	GRADIENT	.00008	.00005	.00004	.00009	.00009	.00015	.00016	-.00007	.00004	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131 MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A049) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 50. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 32.000 ELEVON = .000
 AILRON = .000 SDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 209/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.290	.96465	.06787	.78563	.56385	-.04469	.00159	.00121	.00029	.00000	.00000
4.500	-11.707	.96351	.06736	.78505	.56283	-.04631	.00168	.0007	.00043	.00000	.00000
4.500	-9.953	.96465	.06746	.78584	.56352	-.04540	.00209	.00095	.00048	.00000	.00000
4.500	-8.273	.96365	.06727	.78511	.56280	-.04582	.00235	.00088	.00056	.00000	.00000
4.500	-6.610	.96426	.06737	.78558	.56321	-.04574	.00231	.00061	.00060	.00000	.00000
4.500	-4.929	.96523	.06778	.78618	.56408	-.04458	.00271	.00050	.00071	.00000	.00000
4.500	-3.257	.96329	.06688	.78503	.56225	-.04656	.00366	.00054	.00086	.00000	.00000
4.500	-1.784	.96322	.06728	.78486	.56259	-.04601	.00410	.00067	.00089	.00000	.00000
4.500	-.901	.96436	.06720	.78577	.56309	-.04574	.00234	.00004	.00085	.00000	.00000
4.500	-.034	.96338	.06668	.78524	.56209	-.04753	.00375	.00024	.00099	.00000	.00000
4.500	.883	.96499	.06731	.78624	.56352	-.04522	.00359	.00002	.00096	.00000	.00000
4.500	1.671	.96492	.06750	.78608	.56365	-.04500	.00299	.00026	.00101	.00000	.00000
	GRADIENT	.00004	-.00003	.00005	-.00001	-.00004	.00003	-.00012	.00004	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A050) (24 JUN 80)

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.504	-.11864	.14092	-.11237	.14597	.01981	.00071	-.00007	.00034	.00000	.00000
2.500	-.401	-.05373	.13766	-.05276	.13803	.01488	.00107	-.00021	.00026	.00000	.00000
2.500	1.593	.00705	.13530	.00329	.13544	.01063	.00116	.00005	.00029	.00000	.00000
2.500	3.555	.06542	.13243	.05708	.13623	.00660	.00075	.00013	.00020	.00000	.00000
2.500	4.557	.09647	.13014	.08583	.13740	.00425	.00044	.00004	.00024	.00000	.00000
2.500	5.575	.12813	.12731	.11516	.13915	.00233	.00087	.00008	.00021	.00000	.00000
2.500	7.608	.19364	.12380	.17555	.14835	-.00089	.00107	.00003	.00006	.00000	.00000
2.500	9.623	.26103	.12106	.23712	.16300	-.00415	.00176	.00011	.00020	.00000	.00000
2.500	11.615	.33176	.11868	.30107	.18305	-.00812	.00194	.00019	.00031	.00000	.00000
2.500	12.583	.36661	.11772	.33216	.19476	-.01031	.00153	.00015	.00019	.00000	.00000
2.500	13.627	.40440	.11624	.35563	.20825	-.01270	.00159	.00021	.00021	.00000	.00000
2.500	14.622	.44152	.11494	.39820	.22267	-.01494	.00150	.00031	.00023	.00000	.00000
2.500	15.584	.47781	.11377	.42969	.23795	-.01734	.00218	.00039	.00019	.00000	.00000
2.500	16.621	.51652	.11248	.46276	.25553	-.01961	.00213	.00035	.00025	.00000	.00000
2.500	17.611	.55409	.11123	.49447	.27366	-.02175	.00210	.00043	.00020	.00000	.00000
2.500	19.570	.62851	.10808	.55600	.31236	-.02628	.00214	.00035	.00019	.00000	.00000
2.500	23.622	.79255	.10073	.68577	.40987	-.03883	.00314	.00006	.00044	.00000	.00000
2.500	24.662	.83531	.09846	.71804	.43802	-.04309	.00303	.00008	.00043	.00000	.00000
2.500	27.596	.96214	.09182	.81015	.52707	-.05478	.00391	.00008	.00051	.00000	.00000
2.500	31.618	1.13990	.08120	.92809	.66673	-.06732	.00402	.00059	.00041	.00000	.00000
2.500	GRADIENT	.03039	-.00147	.02800	-.00112	-.00218	.00007	.00003	-.00002	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A050) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 232/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.343	-.10850	.11634	-.10366	.12068	-.00206	.00146	-.00008	.00031	.00000	.00000
3.500	-.400	-.06486	.11251	-.06407	.11296	-.00170	.00121	-.00004	.00030	.00000	.00000
3.500	1.582	-.01614	.10999	-.01936	.10947	-.00088	.00150	.00006	.00027	.00000	.00000
3.500	3.702	.03321	.10690	.02624	.10882	-.00022	.00142	.00001	.00032	.00000	.00000
3.500	4.682	.05860	.10517	.04982	.10960	-.00019	.00175	-.00001	.00035	.00000	.00000
3.500	5.643	.08392	.10346	.07334	.11121	-.00054	.00197	-.00003	.00033	.00000	.00000
3.500	7.662	.13991	.10049	.12526	.11825	-.00074	.00140	.00004	.00030	.00000	.00000
3.500	9.667	.19879	.09753	.17959	.12952	-.00133	.00148	.00018	.00035	.00000	.00000
3.500	11.677	.25822	.09596	.23346	.14624	-.00236	.00097	.00028	.00032	.00000	.00000
3.500	12.706	.29052	.09520	.26246	.15677	-.00330	.00102	.00027	.00035	.00000	.00000
3.500	13.721	.32310	.09427	.29152	.16821	-.00445	.00138	.00021	.00039	.00000	.00000
3.500	14.650	.35332	.09359	.31816	.17990	-.00562	.00132	.00019	.00040	.00000	.00000
3.500	15.651	.38723	.09239	.34795	.19343	-.00724	.00147	.00014	.00040	.00000	.00000
3.500	16.647	.42091	.09149	.37706	.20824	-.00889	.00159	.00010	.00043	.00000	.00000
3.500	17.647	.45481	.09046	.40598	.22408	-.01064	.00172	.00013	.00048	.00000	.00000
3.500	19.700	.52803	.08761	.46759	.26048	-.01468	.00187	.00011	.00053	.00000	.00000
3.500	23.702	.68127	.08383	.59011	.35061	-.02287	.00186	.00001	.00055	.00000	.00000
3.500	24.715	.72214	.08324	.62119	.37754	-.02464	.00190	-.00004	.00055	.00000	.00000
3.500	27.698	.84974	.08081	.71481	.46652	-.03111	.00257	.00001	.00062	.00000	.00000
3.500	31.724	1.03410	.07392	.84075	.60666	-.04523	.00318	.00016	.00062	.00000	.00000
	GRADIENT	.02377	-.00154	.02184	-.00150	.00029	.00004	.00001	.00001	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 240/ 0 RM/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.461	-1.0878	.10928	-.10398	.11385	-.00506	.00247	.00002	.00034	.00000	.00000
4.000	-.440	-.06658	.10499	-.06577	.10550	-.00503	.00275	-.00001	.00040	.00000	.00000
4.000	1.502	-.02185	.10203	-.02470	.10138	-.00476	.00270	.00003	.00036	.00000	.00000
4.000	3.576	.02150	.09928	.01527	.10042	-.00378	.00272	-.00002	.00040	.00000	.00000
4.000	4.547	.04495	.09759	.03707	.10084	-.00365	.00266	.00001	.00036	.00000	.00000
4.000	5.615	.07192	.09554	.06223	.10212	-.00350	.00268	.00005	.00039	.00000	.00000
4.000	7.595	.12476	.09298	.11137	.10865	-.00430	.00268	.00008	.00039	.00000	.00000
4.000	9.561	.17869	.09042	.16118	.11885	-.00438	.00262	.00016	.00045	.00000	.00000
4.000	11.583	.23629	.08833	.21374	.13357	-.00490	.00237	.00016	.00054	.00000	.00000
4.000	12.567	.26556	.08775	.24011	.14343	-.00535	.00236	.00019	.00055	.00000	.00000
4.000	13.574	.29718	.08695	.26847	.15427	-.00610	.00254	.00021	.00058	.00000	.00000
4.000	14.553	.32783	.08592	.29572	.16554	-.00711	.00264	.00019	.00054	.00000	.00000
4.000	15.552	.36059	.08482	.32465	.17839	-.00843	.00279	.00007	.00071	.00000	.00000
4.000	16.550	.39524	.08385	.35499	.19296	-.00972	.00272	.00011	.00070	.00000	.00000
4.000	17.603	.43093	.08254	.38579	.20900	-.01112	.00265	.00024	.00071	.00000	.00000
4.000	19.562	.50048	.08080	.44453	.24371	-.01408	.00294	.00020	.00071	.00000	.00000
4.000	23.589	.65494	.07743	.56923	.33305	-.02054	.00287	.00036	.00064	.00000	.00000
4.000	24.587	.69476	.07704	.59912	.35912	-.02234	.00287	.00034	.00061	.00000	.00000
4.000	27.593	.82179	.07518	.69350	.44728	-.02900	.00345	.00025	.00073	.00000	.00000
4.000	31.643	1.00580	.06998	.81956	.58723	-.04190	.00435	.00041	.00085	.00000	.00000
4.000	GRADIENT	.02189	-.00162	.02009	-.00179	.00022	.00004	-.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A050) (24 JUN 80)

REFERENCE DATA

MACH = 4.500
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILLRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 248/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILLRON
4.500	-2.418	-1.1130	.10507	-.10676	.10967	-.00946	.00118	.00010	.00018	.00000	.00000
4.500	-.398	-.06977	.10029	-.06907	.10077	-.00843	.00110	.00014	.00017	.00000	.00000
4.500	1.563	-.02679	.09616	-.02957	.09534	-.00761	.00129	.00009	.00015	.00000	.00000
4.500	3.613	.01475	.09274	.00888	.09348	-.00603	.00146	.00003	.00029	.00000	.00000
4.500	4.642	.03843	.09062	.03097	.09344	-.00602	.00147	.00006	.00025	.00000	.00000
4.500	5.643	.06214	.08864	.05312	.09432	-.00603	.00162	.00005	.00030	.00000	.00000
4.500	7.604	.11102	.08616	.08864	.10009	-.00611	.00177	.00002	.00039	.00000	.00000
4.500	9.655	.16410	.08369	.14774	.11003	-.00595	.00167	.00011	.00037	.00000	.00000
4.500	11.598	.21717	.08095	.19647	.12296	-.00709	.00138	.00027	.00031	.00000	.00000
4.500	12.608	.24545	.07930	.22222	.13097	-.00708	.00116	.00028	.00030	.00000	.00000
4.500	13.638	.27691	.07852	.25059	.14159	-.00761	.00151	.00040	.00031	.00000	.00000
4.500	14.643	.30845	.07789	.27874	.15334	-.00819	.00155	.00026	.00033	.00000	.00000
4.500	15.618	.33907	.07714	.30578	.16558	-.00905	.00173	.00018	.00044	.00000	.00000
4.500	16.615	.37153	.07624	.33422	.17930	-.01039	.00205	.00017	.00051	.00000	.00000
4.500	17.590	.40383	.07566	.36209	.19416	-.01151	.00193	.00015	.00055	.00000	.00000
4.500	19.631	.47491	.07441	.42231	.22964	-.01456	.00210	.00015	.00056	.00000	.00000
4.500	23.600	.62404	.07186	.54308	.31568	-.02181	.00258	.00004	.00070	.00000	.00000
4.500	24.621	.66308	.07178	.57289	.34150	-.02372	.00249	.00009	.00059	.00000	.00000
4.500	27.618	.78646	.07076	.66405	.42729	-.03044	.00301	-.00000	.00077	.00000	.00000
4.500	31.699	.96605	.06634	.78707	.56406	-.04530	.00405	-.00025	.00090	.00000	.00000
4.500	GRADIENT	.02114	-.00201	.01945	-.00226	.00052	.00005	-.00001	.00001	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A051) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 225/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.26689	.12063	.24301	.16348	-.00975	.10049	-.00322	.01007	.00000	.00000
2.500	-3.981	.26186	.12234	.23777	.16432	-.00610	.06400	-.00110	.00604	.00000	.00000
2.500	-2.992	.26268	.12205	.23863	.16417	-.00576	.05011	-.00086	.00472	.00000	.00000
2.500	-1.985	.26138	.12078	.23757	.16269	-.00503	.03271	-.00050	.00315	.00000	.00000
2.500	-1.021	.25871	.12072	.23497	.16216	-.00425	.01603	-.00004	.00164	.00000	.00000
2.500	.000	.25925	.12139	.23539	.16291	-.00436	.00061	.00016	.00014	.00000	.00000
2.500	.984	.25999	.12138	.23611	.16303	-.00442	-.01449	.00042	-.00129	.00000	.00000
2.500	2.006	.26206	.12163	.23809	.16366	-.00521	-.02987	.00084	-.00281	.00000	.00000
2.500	2.970	.26191	.12309	.23769	.16509	-.00584	-.04707	.00118	-.00425	.00000	.00000
2.500	4.011	.26346	.12348	.23912	.16576	-.00640	-.06324	.00157	-.00597	.00000	.00000
2.500	5.995	.26686	.12198	.24270	.16490	-.00991	-.09859	.00360	-.00966	.00000	.00000
2.500	GRADIENT	.00011	.00017	.00008	.00019	-.00003	-.01598	.00033	-.00150	.00000	.00000

RUN NO. 233/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.20105	.09785	.18175	.13024	-.00659	.09636	-.00488	.01077	.00000	.00000
3.500	-4.019	.20040	.09857	.18100	.13083	-.00393	.06168	-.00231	.00673	.00000	.00000
3.500	-2.992	.19907	.09857	.17969	.13061	-.00291	.04605	-.00091	.00481	.00000	.00000
3.500	-1.985	.19887	.09817	.17957	.13016	-.00183	.03166	-.00062	.00340	.00000	.00000
3.500	-1.002	.19861	.09794	.17935	.12989	-.00148	.01730	-.00018	.00194	.00000	.00000
3.500	-.019	.19843	.09798	.17917	.12989	-.00142	.00220	.00015	.00042	.00000	.00000
3.500	.965	.19816	.09797	.17891	.12983	-.00155	-.01227	.00050	-.00107	.00000	.00000
3.500	1.987	.19855	.09813	.17926	.13007	-.00214	-.02581	.00089	-.00250	.00000	.00000
3.500	2.970	.19940	.09847	.18004	.13054	-.00263	-.04124	.00122	-.00397	.00000	.00000
3.500	3.992	.20098	.09962	.18135	.13202	-.00387	-.05610	.00237	-.00573	.00000	.00000
3.500	5.919	.20241	.09959	.18276	.13225	-.00650	-.09955	.00501	-.00973	.00000	.00000
3.500	GRADIENT	.00004	.00006	.00002	.00007	.00001	-.01466	.00048	-.00152	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILIRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 241/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILIRON
4.000	-6.001	.18063	.09031	.16308	.11912	-.00792	.09102	-.00437	.01021	.00000	.00000
4.000	-4.000	.18052	.09052	.16293	.11930	-.00640	.05942	-.00249	.00676	.00000	.00000
4.000	-3.011	.17892	.09055	.16136	.11907	-.00571	.04359	-.00105	.00473	.00000	.00000
4.000	-2.004	.17948	.09040	.16193	.11901	-.00497	.02912	-.00042	.00317	.00000	.00000
4.000	-1.002	.17848	.09080	.16087	.11924	-.00449	.01541	-.00011	.00178	.00000	.00000
4.000	.000	.17912	.09076	.16152	.11930	-.00424	.00193	.00016	.00039	.00000	.00000
4.000	.984	.17880	.09127	.16110	.11976	-.00431	-.01088	.00030	-.00102	.00000	.00000
4.000	1.968	.17849	.09098	.16085	.11944	-.00491	-.02457	.00071	-.00240	.00000	.00000
4.000	2.988	.17891	.09116	.16122	.11969	-.00530	-.03960	.00143	-.00405	.00000	.00000
4.000	4.011	.17926	.09135	.16153	.11994	-.00622	-.05607	.00274	-.00598	.00000	.00000
4.000	6.013	.18115	.09152	.16337	.12043	-.00807	-.08756	.00473	-.00952	.00000	.00000
4.000	GRADIENT	-.00011	.00011	-.00013	.00010	.00004	-.01409	.00052	-.00152	.00000	.00000

PARAMETRIC DATA

RUN NO. 249/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILIRON
4.500	-5.982	.16468	.08423	.14825	.11061	-.00799	.08467	-.00321	.00937	.00000	.00000
4.500	-4.000	.16522	.08386	.14884	.11033	-.00739	.05555	-.00220	.00650	.00000	.00000
4.500	-3.011	.16528	.08411	.14886	.11060	-.00731	.04110	-.00101	.00471	.00000	.00000
4.500	-1.985	.16501	.08432	.14856	.11076	-.00665	.02633	-.00013	.00303	.00000	.00000
4.500	-1.021	.16385	.08443	.14740	.11068	-.00626	.01368	.00014	.00165	.00000	.00000
4.500	.000	.16409	.08432	.14765	.11062	-.00592	.00139	.00008	.00035	.00000	.00000
4.500	.984	.16434	.08423	.14792	.11056	-.00616	-.00942	-.00025	-.00075	.00000	.00000
4.500	1.987	.16405	.08395	.14768	.11023	-.00663	-.02260	.00023	-.00221	.00000	.00000
4.500	2.988	.16410	.08418	.14769	.11047	-.00736	-.03736	.00122	-.00392	.00000	.00000
4.500	4.011	.16418	.08453	.14771	.11082	-.00792	-.05251	.00241	-.00568	.00000	.00000
4.500	6.013	.16451	.08501	.14795	.11135	-.00864	-.08105	.00355	-.00864	.00000	.00000
4.500	GRADIENT	-.00015	.00003	-.00015	.00001	.00004	-.01315	.00042	-.00146	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A052) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.IN.
 LREF = 474.8100 INCHES
 BREF = 936.6800 INCHES
 SCALE = .0200

XMRP = 1076.7000 IN. XO
 YMRP = .0000 IN. YO
 ZMRP = 375.0000 IN. ZO

ALPHA = 15.000
 AILRON = .000
 SPDBRK = 70.000

ELEVON = .000
 BDFLAP = .000
 RUDDER = .000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.44471	.11204	.40218	.22040	-.02244	.09674	.00029	.01198	.00000	.00000
2.500	-4.000	.44195	.11536	.39866	.22293	-.01819	.05931	.00252	.00716	.00000	.00000
2.500	-2.973	.44088	.11609	.39743	.22339	-.01611	.04434	.00171	.00536	.00000	.00000
2.500	-1.985	.43905	.11598	.39570	.22281	-.01586	.03090	.00119	.00380	.00000	.00000
2.500	-1.002	.44083	.11491	.39766	.22227	-.01541	.01646	.00090	.00186	.00000	.00000
2.500	-.019	.44046	.11528	.39721	.22253	-.01516	.00120	.00031	.00006	.00000	.00000
2.500	1.965	.44058	.11496	.39740	.22226	-.01520	-.01322	.00018	-.00158	.00000	.00000
2.500	1.795	.44018	.11547	.39689	.22264	-.01548	-.02476	-.00056	-.00298	.00000	.00000
2.500	2.988	.44117	.11646	.39762	.22382	-.01577	-.04208	.00093	-.00517	.00000	.00000
2.500	4.030	.44134	.11602	.39790	.22343	-.01704	-.05671	.00195	-.00675	.00000	.00000
2.500	5.995	.44382	.11298	.40109	.22107	-.01130	-.09236	.00007	-.01144	.00000	.00000
2.500	GRADIENT	.00001	.00005	-.00000	.00005	.00011	-.01452	-.00051	-.00175	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-5.982	.35561	.09179	.32073	.17893	-.01087	.08930	-.00105	.01235	.00000	.00000
3.500	-4.000	.35473	.09218	.31978	.17908	-.00921	.05875	-.00037	.00826	.00000	.00000
3.500	-3.011	.35488	.09288	.31976	.17979	-.00836	.04193	.00055	.00575	.00000	.00000
3.500	-1.985	.35518	.09367	.31984	.18064	-.00729	.02692	.00113	.00348	.00000	.00000
3.500	-.983	.35456	.09393	.31918	.18073	-.00670	.01607	.00057	.00216	.00000	.00000
3.500	-.019	.35513	.09394	.31972	.18089	-.00596	.00226	.00024	.00047	.00000	.00000
3.500	.984	.35513	.09367	.31979	.18062	-.00650	-.01106	-.00013	-.00114	.00000	.00000
3.500	1.987	.35574	.09351	.32042	.18062	-.00680	-.02298	.00034	-.00269	.00000	.00000
3.500	2.970	.35602	.09304	.32081	.18024	-.00753	-.03757	-.00028	-.00477	.00000	.00000
3.500	3.992	.35679	.09238	.32171	.17981	-.00843	-.05354	.00093	-.00726	.00000	.00000
3.500	5.938	.35702	.09193	.32205	.17944	-.01062	-.06324	.00165	-.01127	.00000	.00000
3.500	GRADIENT	.00022	.00001	.00021	.00007	.00011	-.01362	-.00002	-.00183	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 50. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000 RUDDER = .000
 SCALE = .0200

RUN NO. 242/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.32850	.08519	.29548	.16514	-.01126	.08382	-.00010	.01143	.00000	.00000
4.000	-4.000	.32940	.08527	.29732	.16545	-.00986	.05587	-.00038	.00791	.00000	.00000
4.000	-3.011	.32900	.08540	.29691	.16547	-.00941	.04145	.00022	.00593	.00000	.00000
4.000	-1.985	.32857	.08595	.29636	.16588	-.00867	.02637	.00102	.00373	.00000	.00000
4.000	-1.002	.32832	.08616	.29605	.16603	-.00797	.01421	.00059	.00214	.00000	.00000
4.000	.000	.32760	.08623	.29535	.16591	-.00708	.00228	.00011	.00056	.00000	.00000
4.000	.984	.32797	.08601	.29576	.16580	-.00765	-.01020	-.00020	-.00122	.00000	.00000
4.000	1.987	.32841	.08587	.29622	.16576	-.00814	-.02212	-.00055	-.00277	.00000	.00000
4.000	2.988	.32946	.08560	.29730	.16579	-.00895	-.03631	.00011	-.00484	.00000	.00000
4.000	4.011	.32999	.08540	.29785	.16574	-.00949	-.05229	.00100	-.00715	.00000	.00000
4.000	6.013	.32999	.08507	.29793	.16544	-.01057	-.07999	.00082	-.01062	.00000	.00000
4.000	GRADIENT	.00005	.00001	.00005	.00003	.00007	-.01313	.00002	-.00182	.00000	.00000

RUN NO. 250/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.30763	.07845	.27780	.15369	-.01065	.07702	.00051	.01059	.00000	.00000
4.500	-4.000	.30808	.07809	.27833	.15344	-.00939	.05104	-.00005	.00746	.00000	.00000
4.500	-2.992	.30813	.07801	.27840	.15339	-.00947	.03800	.00022	.00563	.00000	.00000
4.500	-1.985	.30807	.07788	.27838	.15322	-.00909	.02434	.00089	.00351	.00000	.00000
4.500	-1.002	.30812	.07793	.27843	.15327	-.00877	.01173	.00120	.00161	.00000	.00000
4.500	.000	.30792	.07819	.27817	.15347	-.00831	.00141	.00022	.00030	.00000	.00000
4.500	.965	.30859	.07840	.27876	.15384	-.00883	-.00875	-.00051	-.00098	.00000	.00000
4.500	1.987	.30910	.07823	.27930	.15380	-.00947	-.02099	-.00048	-.00276	.00000	.00000
4.500	2.988	.30858	.07812	.27882	.15357	-.00998	-.03480	.00024	-.00478	.00000	.00000
4.500	4.011	.30902	.07801	.27927	.15358	-.01046	-.04826	.00038	-.00663	.00000	.00000
4.500	6.013	.30876	.07856	.27887	.15405	-.01138	-.07322	.00022	-.00975	.00000	.00000
4.500	GRADIENT	.00013	.00002	.00012	.00005	-.00011	-.01213	-.00004	-.00172	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A053) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 ALLRON = .000 BDFLAP = .000
 SPDRBK = 70.000 RUDDER = .000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	ALLRON
2.500	-6.001	.63314	.10140	.56258	.30765	-.03614	.08716	.06663	.01256	.00000	.00000
2.500	-4.000	.63044	.10421	.55910	.30939	-.03194	.05162	.06655	.00742	.00000	.00000
2.500	-3.011	.63001	.10564	.55824	.31055	-.02992	.03793	.00590	.00539	.00000	.00000
2.500	-2.004	.62752	.10745	.55529	.31142	-.02754	.02490	.00401	.00359	.00000	.00000
2.500	-1.021	.62770	.10812	.55522	.31215	-.02635	.01309	.00213	.00189	.00000	.00000
2.500	.000	.62824	.10829	.55567	.31247	-.02651	.00152	.00027	.00006	.00000	.00000
2.500	.984	.62784	.10817	.55528	.31233	-.02619	-.01029	-.00150	-.00153	.00000	.00000
2.500	1.968	.62856	.10772	.55612	.31211	-.02706	-.02160	-.00354	-.00311	.00000	.00000
2.500	2.988	.62947	.10613	.55754	.31088	-.02870	-.03222	-.00549	-.00454	.00000	.00000
2.500	4.011	.63070	.10363	.55954	.30893	-.03112	-.04794	-.00636	-.00693	.00000	.00000
2.500	6.013	.63118	.10132	.56081	.30682	-.03481	-.08157	-.00650	-.01178	.00000	.00000
	GRADIENT	.00003	-.00001	.00002	.00001	.00013	-.01209	-.00174	-.00173	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	ALLRON
3.500	-6.001	.52693	.08527	.46763	.25740	-.02037	.08109	.00380	.01239	.00000	.00000
3.500	-4.000	.52832	.08531	.46891	.25791	-.01934	.05184	.00348	.00791	.00000	.00000
3.500	-2.992	.52824	.08594	.46861	.25851	-.01840	.03881	.00341	.00589	.00000	.00000
3.500	-2.004	.52710	.08743	.46703	.25954	-.01590	.02379	.00312	.00358	.00000	.00000
3.500	-1.002	.52645	.08802	.46623	.25987	-.01477	.01303	.00159	.00212	.00000	.00000
3.500	-.019	.52691	.08775	.46674	.25978	-.01489	.00240	.00018	.00051	.00000	.00000
3.500	.984	.52701	.08813	.46571	.26016	-.01459	-.00875	-.00119	-.00113	.00000	.00000
3.500	1.987	.52674	.08769	.46662	.25964	-.01545	-.01891	-.00280	-.00247	.00000	.00000
3.500	2.970	.52759	.08621	.46793	.25852	-.01761	-.03259	-.00311	-.00462	.00000	.00000
3.500	4.030	.52898	.08540	.46951	.25821	-.01922	-.04730	-.00318	-.00695	.00000	.00000
3.500	5.995	.52766	.08524	.46833	.25759	-.01970	-.07624	-.00337	-.01139	.00000	.00000
	GRADIENT	.00001	.00003	.00000	.00003	.00006	-.01197	-.00101	-.00177	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 70.000 RUDDER = .000

RUN NO. 243/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.50024	.08002	.44452	.24299	-.01836	.07677	.00452	-.01171	.00000	.00000
4.000	-4.000	.50041	.07968	.44480	.24272	-.01727	.05046	.00323	.00821	.00000	.00000
4.000	-3.011	.50030	.07989	.44462	.24289	-.01661	.03722	.00314	.00617	.00000	.00000
4.000	-1.985	.49990	.08104	.44384	.24386	-.01492	.02351	.00288	.00395	.00000	.00000
4.000	-1.002	.49959	.08107	.44355	.24379	-.01412	.01244	.00172	.00218	.00000	.00000
4.000	.000	.49966	.08076	.44372	.24351	-.01418	.00233	.00014	.00060	.00000	.00000
4.000	.984	.49942	.08101	.44340	.24368	-.01417	-.00786	-.00126	-.00103	.00000	.00000
4.000	1.987	.49894	.08091	.44298	.24342	-.01443	-.01870	-.00234	-.00279	.00000	.00000
4.000	3.007	.50056	.07978	.44491	.24290	-.01585	-.03183	-.00257	-.00490	.00000	.00000
4.000	4.011	.50045	.07941	.44492	.24250	-.01693	-.04579	-.00281	-.00703	.00000	.00000
4.000	6.013	.50078	.07993	.44504	.24312	-.01790	-.07198	-.00402	-.01065	.00000	.00000
4.000	GRADIENT	-.00002	-.00003	-.00001	-.00003	.00009	-.01161	-.00091	-.00185	.00000	.00000

RUN NO. 251/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.47578	.07504	.42280	.23073	-.01677	.07030	.00443	.01127	.00000	.00000
4.500	-4.000	.47556	.07347	.42312	.22917	-.01619	.04617	.00303	.00780	.00000	.00000
4.500	-3.011	.47597	.07362	.42345	.22946	-.01567	.03420	.00284	.00577	.00000	.00000
4.500	-1.985	.47553	.07457	.42272	.23021	-.01488	.02126	.00258	.00361	.00000	.00000
4.500	-1.002	.47564	.07483	.42274	.23049	-.01468	.01120	.00136	.00203	.00000	.00000
4.500	.019	.47589	.07473	.42301	.23048	-.01453	.00169	.00015	.00055	.00000	.00000
4.500	.984	.47547	.07471	.42263	.23031	-.01462	-.00742	-.00114	-.00100	.00000	.00000
4.500	1.968	.47558	.07458	.42277	.23023	-.01491	-.01743	-.00208	-.00266	.00000	.00000
4.500	2.970	.47635	.07392	.42372	.22985	-.01622	-.02968	-.00225	-.00472	.00000	.00000
4.500	4.011	.47626	.07387	.42366	.22977	-.01647	-.04248	-.00240	-.00687	.00000	.00000
4.500	6.013	.47689	.07488	.42391	.23094	-.01716	-.06579	-.00385	-.01019	.00000	.00000
4.500	GRADIENT	.00006	.00004	.00005	.00006	-.00005	-.01073	-.00081	-.00177	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A054) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.240	.25847	.12410	.23421	.16540	-.00106	-.01265	.00760	-.00412	.00000	.00000
2.500	-11.666	.25854	.12346	.23439	.16477	-.00181	-.01124	.00684	-.00374	.00000	.00000
2.500	-9.973	.25839	.12297	.23432	.16425	-.00252	-.00986	.00596	-.00324	.00000	.00000
2.500	-8.273	.25802	.12251	.23405	.16373	-.00293	-.00846	.00512	-.00277	.00000	.00000
2.500	-6.603	.25908	.12212	.23515	.16352	-.00345	-.00641	.00405	-.00216	.00000	.00000
2.500	-4.933	.25968	.12172	.23581	.16322	-.00397	-.00468	.00292	-.00167	.00000	.00000
2.500	-3.292	.25920	.12155	.23537	.16297	-.00403	-.00299	.00206	-.00102	.00000	.00000
2.500	-1.791	.25895	.12135	.23516	.16276	-.00415	-.00152	.00116	-.00056	.00000	.00000
2.500	-.892	.25828	.12147	.23449	.16272	-.00422	-.00081	.00081	-.00034	.00000	.00000
2.500	-.046	.25955	.12143	.23574	.16291	-.00413	.00031	.00020	.00008	.00000	.00000
2.500	.865	.25956	.12128	.23577	.16276	-.00416	.00179	-.00065	.00045	.00000	.00000
2.500	1.631	.25920	.12128	.23543	.16269	-.00424	.00242	-.00099	.00067	.00000	.00000
2.500	GRADIENT	-.00002	-.00006	-.00001	-.00007	-.00004	.00109	-.00060	.00036	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.286	.19853	.10089	.17872	.13285	.00172	-.00906	.00677	-.00322	.00000	.00000
3.500	-11.580	.19864	.10018	.17896	.13217	.00096	-.00762	.00604	-.00280	.00000	.00000
3.500	-9.857	.19872	.09946	.17917	.13146	.00008	-.00631	.00519	-.00234	.00000	.00000
3.500	-8.308	.19877	.09900	.17929	.13102	-.00037	-.00538	.00453	-.00203	.00000	.00000
3.500	-6.610	.19916	.09846	.17977	.13055	-.00105	-.00366	.00363	-.00157	.00000	.00000
3.500	-4.917	.19907	.09807	.17975	.13014	-.00147	-.00185	.00265	-.00097	.00000	.00000
3.500	-3.265	.19953	.09784	.18025	.12999	-.00164	-.00032	.00185	-.00051	.00000	.00000
3.500	-1.813	.19964	.09776	.18037	.12992	-.00170	.00070	.00112	-.00011	.00000	.00000
3.500	-.868	.19943	.09772	.18016	.12985	-.00167	.00116	.00077	.00007	.00000	.00000
3.500	-.058	.19948	.09769	.18022	.12983	-.00170	.00221	.00022	.00039	.00000	.00000
3.500	.851	.19940	.09775	.18013	.12988	-.00166	.00344	-.00052	.00082	.00000	.00000
3.500	1.561	.19943	.09780	.18015	.12994	-.00163	.00411	-.00087	.00101	.00000	.00000
3.500	GRADIENT	.00003	-.00004	.00004	-.00004	-.00002	.00090	-.00054	.00031	.00000	.00000

LA131, MODEL 105-0, SILTS OFF, S3 CAVITY CLOSED (17A054) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 244/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.263	.17525	.09495	.15699	.12282	-.00078	-.00852	.00617	-.00300	.00000	.00000
4.000	-11.658	.17533	.09414	.15721	.12203	-.00172	-.00714	.00547	-.00256	.00000	.00000
4.000	-9.988	.17616	.09352	.15812	.12156	-.00254	-.00577	.00470	-.00215	.00000	.00000
4.000	-8.281	.17665	.09295	.15870	.12108	-.00315	-.00427	.00394	-.00172	.00000	.00000
4.000	-6.610	.17720	.09249	.15932	.12071	-.00365	-.00290	.00316	-.00129	.00000	.00000
4.000	-4.921	.17768	.09223	.15984	.12053	-.00404	-.00153	.00234	-.00088	.00000	.00000
4.000	-3.246	.17742	.09177	.15967	.12002	-.00432	-.00038	.00158	-.00047	.00000	.00000
4.000	-1.802	.17719	.09170	.15946	.11992	-.00427	-.00088	.00085	-.00004	.00000	.00000
4.000	-.892	.17762	.09161	.15990	.11990	-.00433	.00152	.00053	.00013	.00000	.00000
4.000	-.067	.17771	.09106	.16007	.11937	-.00432	.00182	.00024	.00032	.00000	.00000
4.000	.865	.17704	.09089	.15944	.11909	-.00437	.00286	-.00045	.00073	.00000	.00000
4.000	1.625	.17755	.09099	.15992	.11928	-.00421	.00339	-.00075	.00090	.00000	.00000
4.000	GRADIENT	-.00003	-.00020	.00001	-.00021	-.00003	.00075	-.00047	.00027	.00000	.00000

RUN NO. 252/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.290	.16140	.08747	.14450	.11322	-.00234	-.00818	.00573	-.00271	.00000	.00000
4.500	-11.698	.16238	.08677	.14559	.11269	-.00314	-.00704	.00510	-.00238	.00000	.00000
4.500	-9.893	.16245	.08610	.14577	.11204	-.00408	-.00591	.00441	-.00201	.00000	.00000
4.500	-8.301	.16252	.08569	.14591	.11166	-.00474	-.00464	.00375	-.00163	.00000	.00000
4.500	-6.603	.16216	.08512	.14565	.11103	-.00533	-.00340	.00291	-.00122	.00000	.00000
4.500	-4.921	.16326	.08483	.14679	.11093	-.00563	-.00173	.00211	-.00072	.00000	.00000
4.500	-3.265	.16288	.08464	.14644	.11067	-.00591	-.00074	.00142	-.00039	.00000	.00000
4.500	-1.802	.16347	.08433	.14707	.11047	-.00603	-.00000	.00088	-.00006	.00000	.00000
4.500	-.926	.16352	.08442	.14710	.11058	-.00621	.00064	.00058	.00010	.00000	.00000
4.500	-.031	.16361	.08433	.14721	.11050	-.00619	.00139	.00011	.00036	.00000	.00000
4.500	.858	.16376	.08443	.14733	.11062	-.00605	.00240	-.00050	.00071	.00000	.00000
4.500	1.561	.16332	.08452	.14689	.11064	-.00610	.00377	-.00074	.00083	.00000	.00000
4.500	GRADIENT	.00007	-.00005	.00008	-.00004	-.00007	.00071	-.00044	.00024	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A055) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILFON = .000 BDFLAP = .000
 SPOBRK = 70.000 BETA = .000

PARAMETRIC DATA

RUN NO. 229/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.259	.43797	.11773	.39425	.22416	-.01156	-.01177	.00752	-.00398	.00000	.00000
2.500	-11.685	.43740	.11727	.39383	.22354	-.01204	-.01060	.00678	-.00357	.00000	.00000
2.500	-9.900	.43695	.11652	.39359	.22270	-.01295	-.00936	.00592	-.00310	.00000	.00000
2.500	-8.265	.43912	.11631	.39573	.22304	-.01356	-.00782	.00509	-.00264	.00000	.00000
2.500	-6.606	.43833	.11592	.39508	.22244	-.01423	-.00600	.00406	-.00205	.00000	.00000
2.500	-4.921	.43816	.11564	.39497	.22214	-.01446	-.00426	.00305	-.00147	.00000	.00000
2.500	-3.246	.43962	.11550	.39642	.22239	-.01491	-.00249	.00213	-.00101	.00000	.00000
2.500	-1.810	.43845	.11535	.39534	.22193	-.01462	-.00126	.00132	-.00035	.00000	.00000
2.500	-.935	.43837	.11531	.39527	.22187	-.01490	-.00086	.00094	-.00023	.00000	.00000
2.500	-.052	.43820	.11521	.39513	.22172	-.01487	-.00052	.00046	-.00012	.00000	.00000
2.500	.868	.43938	.11517	.39624	.22206	-.01490	.00206	-.00045	-.00053	.00000	.00000
2.500	1.619	.43857	.11514	.39550	.22176	-.01491	.00238	-.00077	-.00073	.00000	.00000
2.500	GRADIENT	.00002	-.00008	.00004	-.00007	-.00005	.00103	-.00059	.00034	.00000	.00000

RUN NO. 237/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.286	.35295	.09635	.31707	.18256	-.00263	-.00795	.00622	-.00280	.00000	.00000
3.500	-11.685	.35370	.09575	.31794	.18217	-.00337	-.00671	.00553	-.00245	.00000	.00000
3.500	-9.857	.35375	.09516	.31815	.18160	-.00412	-.00569	.00483	-.00205	.00000	.00000
3.500	-8.308	.35406	.09483	.31853	.18136	-.00452	-.00453	.00431	-.00175	.00000	.00000
3.500	-6.613	.35419	.09433	.31878	.18090	-.00512	-.00313	.00338	-.00128	.00000	.00000
3.500	-4.910	.35416	.09402	.31884	.18058	-.00551	-.00172	.00250	-.00080	.00000	.00000
3.500	-3.282	.35453	.09369	.31928	.18036	-.00587	-.00019	.00177	-.00034	.00000	.00000
3.500	-1.817	.35505	.09363	.31980	.18044	-.00600	.00085	.00111	-.00001	.00000	.00000
3.500	-.906	.35478	.09357	.31955	.18030	-.00608	.00152	.00077	-.00019	.00000	.00000
3.500	-.037	.35423	.09352	.31904	.18011	-.00590	.00237	.00031	.00052	.00000	.00000
3.500	.844	.35463	.09343	.31945	.18013	-.00594	.00340	-.00037	.00085	.00000	.00000
3.500	1.578	.35459	.09341	.31942	.18010	-.00589	.00398	-.00063	.00099	.00000	.00000
3.500	GRADIENT	.00004	-.00009	.00006	-.00007	-.00005	.00087	-.00049	.00028	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 245/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.286	.32529	.08909	.29233	.16820	-.00406	-.00712	.00536	-.00242	.00000	.00000
4.000	-11.685	.32491	.08860	.29210	.16762	-.00462	-.00594	.00484	-.00207	.00000	.00000
4.000	-9.909	.32575	.08810	.29303	.16734	-.00519	-.00512	.00420	-.00177	.00000	.00000
4.000	-8.293	.32584	.08769	.29323	.16697	-.00588	-.00355	.00359	-.00137	.00000	.00000
4.000	-6.606	.32598	.08722	.29349	.16654	-.00625	-.00279	.00295	-.00101	.00000	.00000
4.000	-4.925	.32605	.08688	.29364	.16623	-.00664	-.00154	.00217	-.00061	.00000	.00000
4.000	-3.285	.32613	.08657	.29380	.16593	-.00689	-.00037	.00151	-.00023	.00000	.00000
4.000	-1.806	.32626	.08634	.29399	.16573	-.00703	.00056	.00089	.00010	.00000	.00000
4.000	-.950	.32650	.08632	.29423	.16577	-.00688	.00110	.00061	.00023	.00000	.00000
4.000	-.055	.32675	.08629	.29448	.16581	-.00694	.00164	.00039	.00040	.00000	.00000
4.000	.861	.32670	.08616	.29447	.16567	-.00689	.00300	-.00046	.00087	.00000	.00000
4.000	1.654	.32631	.08624	.29407	.16563	-.00684	.00353	-.00070	.00102	.00000	.00000
4.000	GRADIENT	.00008	-.00010	.00011	-.00008	-.00002	.00076	-.00043	.00025	.00000	.00000

RUN NO. 253/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.272	.30727	.08018	.27701	.15528	-.00617	-.00615	.00461	-.00211	.00000	.00000
4.500	-11.707	.30781	.07979	.27763	.15504	-.00640	-.00539	.00418	-.00186	.00000	.00000
4.500	-9.824	.30830	.07939	.27820	.15477	-.00690	-.00437	.00369	-.00157	.00000	.00000
4.500	-8.305	.30791	.07911	.27791	.15440	-.00714	-.00376	.00323	-.00132	.00000	.00000
4.500	-6.610	.30791	.07880	.27798	.15409	-.00753	-.00261	.00267	-.00096	.00000	.00000
4.500	-4.940	.30846	.07850	.27850	.15394	-.00792	-.00161	.00203	-.00066	.00000	.00000
4.500	-3.285	.30858	.07822	.27878	.15369	-.00818	.00060	.00145	-.00031	.00000	.00000
4.500	-1.798	.30914	.07812	.27935	.15374	-.00816	.00014	.00093	-.00003	.00000	.00000
4.500	-.940	.30877	.07813	.27899	.15366	-.00822	.00065	.00071	.00014	.00000	.00000
4.500	-.021	.30805	.07800	.27832	.15334	-.00818	.00114	.00033	.00032	.00000	.00000
4.500	.872	.30834	.07796	.27862	.15337	-.00817	.0016	-.00019	.00063	.00000	.00000
4.500	1.584	.30892	.07806	.27915	.15362	-.00808	.00268	-.00039	.00078	.00000	.00000
4.500	GRADIENT	-.00000	-.00007	.00002	-.00007	-.00002	.00064	-.00037	.00022	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A056) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.259	.62621	.11042	.55302	.31385	-.02313	-.01029	.00690	-.00366	.00000	.00000
2.500	-11.685	.62661	.11005	.55352	.31363	-.02385	-.00941	.00626	-.00335	.00000	.00000
2.500	-9.977	.62724	.10978	.55421	.31359	-.02426	-.00822	.00555	-.00291	.00000	.00000
2.500	-8.284	.62741	.10947	.55447	.31335	-.02500	-.00696	.00490	-.00261	.00000	.00000
2.500	-6.617	.62829	.10907	.55544	.31326	-.02529	-.00529	.00394	-.00203	.00000	.00000
2.500	-4.914	.62772	.10875	.55501	.31277	-.02557	-.00347	.00298	-.00133	.00000	.00000
2.500	-3.279	.62809	.10849	.55545	.31266	-.02611	-.00169	.00208	-.00100	.00000	.00000
2.500	-1.806	.62788	.10837	.55530	.31246	-.02643	-.00054	.00121	-.00057	.00000	.00000
2.500	-.921	.62846	.10830	.55586	.31258	-.02630	.00017	.00088	-.00031	.00000	.00000
2.500	-.064	.62748	.10821	.55499	.31213	-.02647	.00086	.00048	-.00006	.00000	.00000
2.500	.865	.62742	.10831	.55488	.31223	-.02596	.00206	-.00057	.00053	.00000	.00000
2.500	1.648	.62784	.10829	.55529	.31235	-.02613	.00279	-.00082	.00066	.00000	.00000
	GRADIENT	-.00004	-.00007	-.00001	-.00008	-.00006	.00093	-.00058	.00031	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.317	.52689	.08924	.46617	.26127	-.01281	-.00532	.00483	-.00208	.00000	.00000
3.500	-11.658	.52672	.08898	.46611	.26095	-.01311	-.00446	.00442	-.00181	.00000	.00000
3.500	-9.848	.52708	.08874	.46653	.26085	-.01341	-.00350	.00393	-.00151	.00000	.00000
3.500	-8.281	.52788	.08860	.46733	.26098	-.01378	-.00295	.00351	-.00132	.00000	.00000
3.500	-6.610	.52719	.08829	.46678	.26045	-.01412	-.00182	.00288	-.00090	.00000	.00000
3.500	-4.917	.52696	.08808	.46665	.26017	-.01448	-.00059	.00216	-.00051	.00000	.00000
3.500	-3.246	.52746	.08787	.46719	.26013	-.01461	.00034	.00153	-.00017	.00000	.00000
3.500	-1.806	.52680	.08785	.46657	.25990	-.01483	.00149	.00098	.00022	.00000	.00000
3.500	-.853	.52753	.08771	.46731	.26001	-.01489	.00175	.00068	.00031	.00000	.00000
3.500	-.043	.52721	.08778	.46699	.25995	-.01478	.00272	.00028	.00058	.00000	.00000
3.500	.854	.52708	.08766	.46691	.25979	-.01482	.00365	-.00033	.00094	.00000	.00000
3.500	1.596	.52744	.08771	.46723	.25998	-.01477	.00402	-.00059	.00109	.00000	.00000
	GRADIENT	.00004	-.00006	.00005	-.00004	-.00005	.00073	-.00042	.00025	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 246/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.295	.49661	.08251	.44031	.24405	-.01292	-.00420	.00384	-.00155	.00000	.00000
4.000	-11.698	.49703	.08217	.44081	.24388	-.01312	-.00346	.00347	-.00130	.00000	.00000
4.000	-9.873	.49627	.08209	.44013	.24353	-.01352	-.00271	.00311	-.00107	.00000	.00000
4.000	-8.305	.49712	.08192	.44098	.24367	-.01360	-.00220	.00272	-.00091	.00000	.00000
4.000	-6.669	.49680	.08168	.44077	.24333	-.01392	-.00146	.00229	-.00064	.00000	.00000
4.000	-4.925	.49697	.08161	.44094	.24334	-.01382	-.00051	.00175	-.00036	.00000	.00000
4.000	-3.289	.49685	.08148	.44087	.24317	-.01405	.00021	.00123	-.00005	.00000	.00000
4.000	-1.802	.49732	.08138	.44135	.24322	-.01417	.00116	.00076	-.00026	.00000	.00000
4.000	-.926	.49664	.08133	.44074	.24293	-.01423	.00170	.00053	-.00039	.00000	.00000
4.000	-.064	.49732	.08137	.44135	.24321	-.01427	.00210	.00015	-.00062	.00000	.00000
4.000	.146	.49740	.08131	.44145	.24319	-.01417	.00245	.00014	-.00062	.00000	.00000
4.000	.851	.49763	.08126	.44168	.24321	-.01406	.00306	-.00032	-.00089	.00000	.00000
4.000	1.596	.49756	.08140	.44158	.24331	-.01409	.00338	-.00049	-.00102	.00000	.00000
4.000	GRADIENT	.00011	-.00004	.00012	-.00001	-.00004	.00061	-.00035	.00021	.00000	.00000

RUN NO. 254/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.290	.47579	.07560	.42263	.23125	-.01365	-.00295	.00293	-.00109	.00000	.00000
4.500	-11.712	.47633	.07540	.42320	.23124	-.01397	-.00245	.00263	-.00090	.00000	.00000
4.500	-9.829	.47590	.07520	.42286	.23092	-.01418	-.00209	.00231	-.00073	.00000	.00000
4.500	-8.284	.47593	.07501	.42296	.23075	-.01437	-.00145	.00201	-.00059	.00000	.00000
4.500	-6.613	.47599	.07491	.42305	.23067	-.01445	-.00095	.00168	-.00034	.00000	.00000
4.500	-4.933	.47606	.07472	.42317	.23052	-.01454	-.00019	.00127	-.00013	.00000	.00000
4.500	-3.305	.47518	.07473	.42235	.23022	-.01462	.00030	.00093	.00007	.00000	.00000
4.500	-1.802	.47583	.07464	.42299	.23036	-.01470	.00121	.00059	-.00034	.00000	.00000
4.500	-.926	.47626	.07463	.42340	.23050	-.01460	.00132	.00041	-.00040	.00000	.00000
4.500	-.000	.47634	.07464	.42347	.23053	-.01452	.00183	.00018	-.00056	.00000	.00000
4.500	.868	.47551	.07446	.42275	.23008	-.01461	.00232	-.00017	-.00077	.00000	.00000
4.500	1.573	.47597	.07447	.42319	.23022	-.01464	.00243	-.00034	-.00082	.00000	.00000
4.500	GRADIENT	.00003	-.00004	.00004	-.00003	-.00000	.00042	-.00025	.00015	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A057) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 231/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.290	.82925	.09974	.71264	.43559	-.04094	-.00772	.00566	-.00283	.00000	.00000
2.500	-11.698	.83054	.09934	.71395	.43581	-.04144	-.00669	.00494	-.00252	.00000	.00000
2.500	-9.829	.83103	.09905	.71452	.43575	-.04199	-.00565	.00431	-.00221	.00000	.00000
2.500	-8.321	.83124	.09843	.71479	.43568	-.04236	-.00457	.00392	-.00196	.00000	.00000
2.500	-6.620	.83044	.09867	.71417	.43511	-.04230	-.00351	.00301	-.00145	.00000	.00000
2.500	-4.933	.83078	.09869	.71448	.43527	-.04279	-.00181	.00225	-.00093	.00000	.00000
2.500	-3.289	.83225	.09859	.71587	.43577	-.04258	-.00088	.00146	-.00050	.00000	.00000
2.500	-1.813	.83084	.09871	.71452	.43531	-.04268	.00054	.00075	-.00016	.00000	.00000
2.500	-.887	.83064	.09877	.71432	.43527	-.04275	.00085	.00035	.00002	.00000	.00000
2.500	-.018	.83033	.09886	.71400	.43523	-.04272	.00193	-.00004	.00035	.00000	.00000
2.500	.851	.83175	.09888	.71527	.43586	-.04281	.00333	-.00082	.00080	.00000	.00000
2.500	1.619	.83128	.09883	.71486	.43563	-.04274	.00365	-.00116	.00092	.00000	.00000
2.500	GRADIENT	-.00001	.00004	-.00003	.00003	-.00001	.00087	-.00052	.00029	.00000	.00000

RUN NO. 239/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.335	.72081	.08408	.61992	.37727	-.02344	-.00277	.00355	-.00130	.00000	.00000
3.500	-11.676	.72012	.08379	.61942	.37671	-.02393	-.00232	.00316	-.00112	.00000	.00000
3.500	-9.836	.72086	.08370	.62013	.37694	-.02409	-.00144	.00286	-.00086	.00000	.00000
3.500	-8.273	.72153	.08358	.62079	.37712	-.02427	-.00099	.00250	-.00069	.00000	.00000
3.500	-6.577	.72177	.08341	.62107	.37708	-.02445	-.00044	.00206	-.00046	.00000	.00000
3.500	-4.921	.72150	.08326	.62089	.37682	-.02467	.00050	.00154	-.00011	.00000	.00000
3.500	-3.269	.72113	.08326	.62057	.37664	-.02485	.00126	.00111	.00012	.00000	.00000
3.500	-1.824	.72179	.08317	.62119	.37685	-.02491	.00183	.00078	.00026	.00000	.00000
3.500	-.853	.72130	.08298	.62084	.37646	-.02481	.00217	.00042	.00054	.00000	.00000
3.500	.003	.72175	.08305	.62121	.37672	-.02484	.00257	.00026	.00057	.00000	.00000
3.500	.854	.72164	.08310	.62108	.37673	-.02481	.00333	-.00012	.00079	.00000	.00000
3.500	1.578	.72082	.08313	.62034	.37640	-.02477	.00340	-.00029	.00093	.00000	.00000
3.500	GRADIENT	-.00002	-.00003	-.00001	-.00004	-.00001	.00046	-.00028	.00016	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A057) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 247/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.299	.69107	.07842	.59574	.35892	-.02138	-.00159	.00261	-.00083	.00000	.00000
4.000	-11.698	.69105	.07825	.59579	.35876	-.02165	-.00129	.00234	-.00072	.00000	.00000
4.000	-9.812	.69092	.07812	.59573	.35859	-.02171	-.00087	.00209	-.00062	.00000	.00000
4.000	-8.281	.69083	.07795	.59572	.35838	-.02188	-.00034	.00183	-.00044	.00000	.00000
4.000	-6.620	.69085	.07786	.59578	.35831	-.02194	.00008	.00156	-.00026	.00000	.00000
4.000	-4.925	.69097	.07777	.59592	.35830	-.02213	.00059	.00120	-.00004	.00000	.00000
4.000	-3.309	.69138	.07769	.59632	.35839	-.02209	.00135	.00090	.00018	.00000	.00000
4.000	-1.791	.69141	.07768	.59636	.35838	-.02236	.00175	.00059	.00036	.00000	.00000
4.000	-.945	.69101	.07760	.59603	.35814	-.02238	.00209	.00056	.00042	.00000	.00000
4.000	-.055	.69115	.07770	.59611	.35830	-.02222	.00216	.00025	.00050	.00000	.00000
4.000	.865	.69125	.07754	.59627	.35819	-.02239	.00269	-.00003	.00065	.00000	.00000
4.000	1.584	.69038	.07754	.59549	.35781	-.02232	.00277	-.00018	.00077	.00000	.00000
4.000	GRADIENT	-.00006	-.00003	-.00004	-.00006	-.00004	.00033	-.00021	.00012	.00000	.00000

RUN NO. 255/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.295	.66364	.07255	.57299	.34257	-.02345	-.00053	.00181	-.00035	.00000	.00000
4.500	-11.671	.66365	.07245	.57305	.34249	-.02362	-.00015	.00162	-.00027	.00000	.00000
4.500	-9.824	.66376	.07236	.57318	.34244	-.02379	.00010	.00145	-.00014	.00000	.00000
4.500	-8.265	.66421	.07234	.57360	.34263	-.02384	.00047	.00119	-.00000	.00000	.00000
4.500	-6.603	.66423	.07215	.57370	.34245	-.02401	.00085	.00102	.00013	.00000	.00000
4.500	-4.936	.66380	.07205	.57335	.34220	-.02396	.00121	.00071	.00030	.00000	.00000
4.500	-3.285	.66434	.07215	.57380	.34251	-.02398	.00174	.00054	.00037	.00000	.00000
4.500	-1.806	.66439	.07206	.57387	.34246	-.02389	.00198	.00035	.00047	.00000	.00000
4.500	-.926	.66394	.07196	.57350	.34218	-.02393	.00210	.00024	.00054	.00000	.00000
4.500	-.064	.66444	.07205	.57392	.34247	-.02408	.00235	.00009	.00065	.00000	.00000
4.500	.872	.66491	.07204	.57434	.34267	-.02386	.00273	-.00010	.00077	.00000	.00000
4.500	1.590	.66394	.07205	.57347	.34226	-.02401	.00285	-.00019	.00080	.00000	.00000
4.500	GRADIENT	.00006	-.00001	.00006	.00002	-.00000	.00024	-.00014	.00008	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(:7A058) (24 JUN 80)

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDERK = 70.000 RUDDER = .000

RUN NO. 256/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.435	-11465	14239	-10849	14713	.01974	-.00104	-.00001	.00019	.00000	.00000
2.500	-4.55	-05357	13900	-05247	13942	.01511	-.00064	-.00003	.00020	.00000	.00000
2.500	1.560	00651	13677	00278	13689	.01088	-.00036	.00022	.00015	.00000	.00000
2.500	3.596	06733	13375	05881	13771	.00700	-.00039	.00017	.00012	.00000	.00000
2.500	4.583	09651	13173	08568	13902	.00473	-.00008	.00012	.00018	.00000	.00000
2.500	5.632	12922	12860	11598	14066	.00282	.00011	.00020	.00019	.00000	.00000
2.500	7.576	19276	12541	17455	14972	-.00028	-.00007	.00018	.00009	.00000	.00000
2.500	9.559	25967	12283	23566	16425	-.00366	.00054	.00026	.00013	.00000	.00000
2.500	11.560	33005	12046	29922	18416	-.00771	.00069	.00030	.00032	.00000	.00000
2.500	12.537	36649	11950	33181	19621	-.01005	.00074	.00031	.00011	.00000	.00000
2.500	13.573	40317	11812	36419	20944	-.01222	.00086	.00034	.00012	.00000	.00000
2.500	14.541	43928	11692	39585	22347	-.01455	.00107	.00044	.00015	.00000	.00000
2.500	15.551	47771	11572	42820	23956	-.01692	.00105	.00053	.00005	.00000	.00000
2.500	16.543	51469	11444	46080	25626	-.01925	.00069	.00049	.00005	.00000	.00000
2.500	17.560	55288	11310	49299	27463	-.02143	.00096	.00058	.00008	.00000	.00000
2.500	19.535	62715	10997	55428	31334	-.02576	.00116	.00048	.00017	.00000	.00000
2.500	23.566	78901	10267	68216	40955	-.03797	.00183	.00007	.00046	.00000	.00000
2.500	24.545	83068	10045	71389	43644	-.04238	.00186	.00001	.00053	.00000	.00000
2.500	27.540	95923	09376	80718	52666	-.05377	.00296	.00011	.00045	.00000	.00000
2.500	31.576	113870	08358	92634	66745	-.06662	.00335	.00061	.00039	.00000	.00000
2.500	GRADIENT	.03005	-.00146	.02763	-.00105	-.00211	.00012	.00003	-.00001	.00000	.00000

LA131.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(17A059) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 257/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.26768	.12230	.24353	.16524	-.00982	.10020	-.00353	.01031	.00000	.00000
2.500	-4.000	.26273	.12414	.23836	.16620	-.00580	.06428	-.00125	.00625	.00000	.00000
2.500	-2.973	.26345	.12373	.23913	.16592	-.00511	.04867	-.00104	.00474	.00000	.00000
2.500	-1.985	.26262	.12254	.23852	.16459	-.00453	.03198	-.00058	.00319	.00000	.00000
2.500	-1.021	.26005	.12240	.23603	.16400	-.00385	.01626	-.00003	.00162	.00000	.00000
2.500	-.019	.26017	.12305	.23604	.16466	-.00373	.00008	.00023	.00007	.00000	.00000
2.500	1.004	.26160	.12303	.23745	.16490	-.00398	-.01493	.00058	-.00148	.00000	.00000
2.500	1.987	.26212	.12343	.23788	.16540	-.00453	-.03111	.00113	-.00301	.00000	.00000
2.500	2.988	.26353	.12473	.23904	.16694	-.00522	-.04706	.00152	-.00446	.00000	.00000
2.500	4.011	.26417	.12524	.23956	.16757	-.00595	-.06371	.00189	-.00592	.00000	.00000
2.500	6.013	.26925	.12373	.24479	.16699	-.00986	-.09930	.00407	-.01006	.00000	.00000
2.500	GRADIENT	.00011	.00016	.00008	.00019	-.00002	-.01597	.00041	-.00153	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 258/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.44581	.11416	.40266	.22280	-.02207	.09536	-.00001	.01229	.00000	.00000
2.500	-4.000	.44350	.11741	.39960	.22536	-.01770	.05771	.00236	.00708	.00000	.00000
2.500	-2.982	.44109	.11815	.39708	.22548	-.01592	.04359	.00144	.00549	.00000	.00000
2.500	-1.985	.44202	.11787	.39803	.22548	-.01551	.02988	.00115	.00368	.00000	.00000
2.500	-1.021	.44211	.11674	.39839	.22443	-.01490	.01514	.00088	.00182	.00000	.00000
2.500	-.019	.44212	.11700	.39833	.22470	-.01477	.00076	.00042	.00007	.00000	.00000
2.500	.984	.44194	.11666	.39824	.22433	-.01461	-.01370	-.00004	-.00166	.00000	.00000
2.500	1.987	.44226	.11760	.39832	.22531	-.01497	-.02845	-.00034	-.00343	.00000	.00000
2.500	2.988	.44325	.11836	.39909	.22629	-.01555	-.04241	-.00069	-.00529	.00000	.00000
2.500	4.011	.44452	.11796	.40043	.22619	-.01703	-.05689	-.00168	-.00691	.00000	.00000
2.500	6.013	.44633	.11484	.40298	.22362	-.02117	-.09328	.00046	-.01177	.00000	.00000
2.500	GRADIENT	.00018	.00004	.00016	.00009	.00009	-.01438	-.00044	-.00177	.00000	.00000

LA131.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(17A060) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 259/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.63411	.10339	.56280	.30990	-.03563	.08684	.00622	.01271	.00000	.00000
2.500	-3.981	.63176	.10602	.55968	.31164	-.03199	.05188	.00639	.00758	.00000	.00000
2.500	-2.992	.63046	.10768	.55789	.31278	-.02937	.03699	.00556	.00548	.00000	.00000
2.500	-1.985	.63043	.10915	.55731	.31426	-.02694	.02544	.00392	.00383	.00000	.00000
2.500	-.926	.62832	.11062	.55502	.31441	-.02560	.01183	.00202	.00184	.00000	.00000
2.500	.000	.62962	.10994	.55623	.31483	-.02607	.00115	.00041	.00013	.00000	.00000
2.500	.965	.62625	.10984	.55314	.31352	-.02548	-.01086	-.00137	-.00154	.00000	.00000
2.500	1.987	.63089	.10956	.55757	.31487	-.02650	-.02243	-.00331	-.00331	.00000	.00000
2.500	2.988	.63086	.10778	.55817	.31313	-.02855	-.03407	-.00531	-.00486	.00000	.00000
2.500	4.011	.63384	.10546	.56173	.31199	-.03106	-.04898	-.00618	-.00719	.00000	.00000
2.500	6.013	.63302	.10325	.56181	.30943	-.03443	-.08290	-.00603	-.01207	.00000	.00000
	GRADIENT	.00014	-.00002	.00013	.00005	.00012	-.01230	-.00169	-.00180	.00000	.00000

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 260/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.245	.26052	.12601	.23589	.16765	-.00069	-.01327	.00797	-.00449	.00000	.00000
2.500	-11.680	.25986	.12542	.23535	.16694	-.00119	-.01173	.00715	-.00390	.00000	.00000
2.500	-9.884	.25997	.12483	.23557	.16636	-.00199	-.01028	.00616	-.00338	.00000	.00000
2.500	-8.244	.26075	.12422	.23644	.16589	-.00272	-.00791	.00522	-.00276	.00000	.00000
2.500	-6.599	.26074	.12375	.23651	.16542	-.00300	-.00661	.00419	-.00226	.00000	.00000
2.500	-4.925	.26061	.12352	.23641	.16517	-.00346	-.00519	.00309	-.00164	.00000	.00000
2.500	-3.302	.26065	.12347	.23548	.16511	-.00358	-.00320	.00218	-.00107	.00000	.00000
2.500	-1.791	.26092	.12317	.23679	.16487	-.00369	-.00135	.00131	-.00055	.00000	.00000
2.500	-.916	.26135	.12316	.23722	.16493	-.00372	-.00081	.00081	-.00032	.00000	.00000
2.500	-.037	.26135	.12310	.23722	.16487	-.00384	.00070	.00023	.00005	.00000	.00000
2.500	.876	.26084	.12312	.23672	.16479	-.00373	.00226	-.00055	-.00052	.00000	.00000
2.500	1.551	.26134	.12326	.23718	.16504	-.00371	.00227	-.00031	.00063	.00000	.00000
2.500	GRADIENT	.00010	-.00006	.00011	-.00004	-.00004	.00120	-.00062	.00035	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 261/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.249	.43974	.11995	.39543	.22671	-.01127	-.01275	.00797	-.00433	.00000	.00000
2.500	-11.662	.43965	.11926	.39552	.22600	-.01191	-.01129	.00713	-.00373	.00000	.00000
2.500	-9.873	.43984	.11865	.39586	.22546	-.01260	-.00936	.00622	-.00324	.00000	.00000
2.500	-8.277	.43924	.11813	.39542	.22479	-.01319	-.00785	.00526	-.00265	.00000	.00000
2.500	-6.606	.43941	.11784	.39566	.22454	-.01379	-.00634	.00427	-.00206	.00000	.00000
2.500	-4.921	.44053	.11748	.39683	.22448	-.01423	-.00429	.00321	-.00149	.00000	.00000
2.500	-3.239	.43963	.11734	.39600	.22412	-.01449	-.00269	.00229	-.00088	.00000	.00000
2.500	-1.780	.43984	.11705	.39627	.22388	-.01462	-.00146	.00138	-.00047	.00000	.00000
2.500	-.935	.44034	.11706	.39677	.22401	-.01464	-.00029	.00102	-.00019	.00000	.00000
2.500	-.012	.44026	.11701	.39670	.22394	-.01453	.00022	.00046	.00013	.00000	.00000
2.500	.861	.44115	.11718	.39752	.22433	-.01463	.00185	-.00039	.00053	.00000	.00000
2.500	1.573	.44107	.11693	.39750	.22406	-.01455	.00249	-.00066	.00073	.00000	.00000
2.500	GRADIENT	.00015	-.00007	.00016	-.00004	-.00005	.00104	-.00060	.00034	.00000	.00000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(17A064) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 BETA = .000

PARAMETRIC DATA

RUN NO. 262/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.249	.62888	.11232	.55472	.31685	.31685	-.02275	-.01105	.00740	-.00384	.00000	.00000
2.500	-11.689	.62753	.11188	.55360	.31596	.31596	-.02330	-.00969	.00680	-.00348	.00000	.00000
2.500	-9.981	.62781	.11168	.55394	.31586	.31586	-.02385	-.00855	.00591	-.00291	.00000	.00000
2.500	-8.265	.62852	.11122	.55478	.31563	.31563	-.02427	-.00709	.00510	-.00248	.00000	.00000
2.500	-6.606	.62907	.11086	.55540	.31553	.31553	-.02468	-.00556	.00416	-.00199	.00000	.00000
2.500	-4.925	.62995	.11051	.55635	.31548	.31548	-.02533	-.00367	.00314	-.00144	.00000	.00000
2.500	-3.257	.62839	.11028	.55498	.31467	.31467	-.02569	-.00223	.00222	-.00079	.00000	.00000
2.500	-1.821	.62946	.11020	.55599	.31501	.31501	-.02589	-.00060	.00139	-.00043	.00000	.00000
2.500	-.901	.62997	.11018	.55650	.31513	.31513	-.02586	-.00031	.00085	-.00013	.00000	.00000
2.500	-.049	.62932	.11002	.55594	.31477	.31477	-.02600	.00106	.00035	.00019	.00000	.00000
2.500	.833	.62942	.11002	.55603	.31480	.31480	-.02570	.00225	-.00031	.00057	.00000	.00000
2.500	1.578	.62874	.11011	.55541	.31457	.31457	-.02581	.00272	-.00074	.00075	.00000	.00000
2.500	GRADIENT	-.00005	-.00007	-.00002	-.00009	-.00009	-.00006	.00100	-.00060	-.00034	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN (17A065) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

BETA = .000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 263/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-2.479	-1.2445	.15307	-.11772	.15831	.03673	-.00040	-.00012	.00033	.00000	.00000
2.500	-1.455	-.06272	.14918	-.06153	.14967	.03144	-.00031	-.00018	.00029	.00000	.00000
2.500	1.551	-.00173	.14648	-.00569	.14637	.02630	-.00009	.00008	.00027	.00000	.00000
2.500	3.578	.05888	.14366	.04979	.14706	.02187	-.00053	.00024	.00021	.00000	.00000
2.500	4.597	.09170	.14103	.08010	.14792	.01915	.00012	.00014	.00019	.00000	.00000
2.500	5.584	.12173	.13884	.10764	.15002	.01660	.00039	.00015	.00014	.00000	.00000
2.500	7.558	.18523	.13370	.16603	.15691	.01323	.00079	.00011	.00013	.00000	.00000
2.500	9.617	.25515	.13076	.22972	.17155	.00927	.00089	.00020	.00008	.00000	.00000
2.500	11.555	.32424	.12827	.29197	.19062	.00498	.00102	.00025	.00011	.00000	.00000
2.500	12.544	.35953	.12696	.32337	.20201	.00263	.00089	.00025	.00011	.00000	.00000
2.500	13.589	.39715	.12584	.35647	.21563	.00047	.00085	.00035	.00030	.00000	.00000
2.500	14.593	.43514	.12452	.38973	.23014	-.00199	.00090	.06039	.00007	.00000	.00000
2.500	15.615	.47234	.12327	.42173	.24586	-.00437	.00062	.00047	.00011	.00000	.00000
2.500	16.625	.51094	.12200	.45468	.26309	-.00686	.00090	.00043	.00011	.00000	.00000
2.500	17.585	.54689	.12059	.48490	.28018	-.00919	.00134	.00046	.00011	.00000	.00000
2.500	19.556	.62217	.11714	.54706	.31864	-.01375	.00120	.00043	.00015	.00000	.00000
2.500	23.632	.78780	.10672	.67896	.41357	-.03006	.00209	.00012	.00035	.00000	.00000
2.500	24.604	.82875	.10407	.71017	.43967	-.03444	.00228	.00029	.00037	.00000	.00000
2.500	27.625	.95966	.09588	.80580	.52993	-.04791	.00308	.00007	.00043	.00000	.00000
2.500	31.564	1.13780	.08463	.92513	.66767	-.06234	.00354	.00079	.00027	.00000	.00000
2.500	GRADIENT	.03044	-.00162	.02785	-.00135	-.00246	.00004	.00005	-.00002	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 275/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.375	-.11330	.12474	-.10803	.12933	.01113	.00179	-.00014	.00043	.00000	.00000
3.500	-.397	-.06919	.12051	-.06836	.12099	.01103	.00171	-.00008	.00034	.00000	.00000
3.500	1.558	-.02132	.11780	-.02472	.11714	.01161	.00184	-.00006	.00036	.00000	.00000
3.500	3.638	.02637	.11510	.01901	.11654	.01236	.00222	-.00012	.00044	.00000	.00000
3.500	4.633	.05200	.11329	.04268	.11712	.01220	.00187	-.00004	.00037	.00000	.00000
3.500	5.676	.07940	.11140	.06799	.11871	.01167	.00212	-.00008	.00038	.00000	.00000
3.500	7.630	.13260	.10856	.11702	.12520	.01104	.00222	.00001	.00045	.00000	.00000
3.500	9.658	.19260	.10532	.17220	.13614	.01031	.00172	.00017	.00037	.00000	.00000
3.500	11.698	.25438	.10345	.22812	.15288	.00855	.00176	.00024	.00042	.00000	.00000
3.500	12.694	.28427	.10250	.25480	.16246	.00746	.00177	.00020	.00042	.00000	.00000
3.500	13.629	.31427	.10147	.28151	.17267	.00627	.00198	.00018	.00052	.00000	.00000
3.500	14.651	.34758	.10031	.31091	.18496	.00475	.00190	.00019	.00050	.00000	.00000
3.500	15.676	.38238	.09876	.34147	.19841	.00273	.00181	.00013	.00049	.00000	.00000
3.500	16.632	.41421	.09761	.36895	.21208	.00077	.00206	.00015	.00057	.00000	.00000
3.500	17.668	.45041	.09605	.40001	.22822	-.00163	.00233	.00024	.00058	.00000	.00000
3.500	19.700	.52271	.09275	.46085	.26353	-.00657	.00213	.00027	.00050	.00000	.00000
3.500	23.716	.67667	.08751	.58433	.35227	-.01683	.00231	.00032	.00060	.00000	.00000
3.500	24.719	.71731	.08661	.61536	.37862	-.01939	.00222	.00027	.00055	.00000	.00000
3.500	27.682	.84321	.08287	.70820	.46511	-.02780	.00258	.00020	.00062	.00000	.00000
3.500	31.699	1.02790	.07523	.83502	.60412	-.04245	.00303	.00056	.00059	.00000	.00000
3.500	GRADIENT	.02356	-.00157	.02149	-.00166	.00019	.00004	.00001	-.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 288/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.435	-.11205	.11853	-.10692	.12319	.00707	.00126	.00019	.00029	.00000	.00000
4.000	-.438	-.07046	.11369	-.06959	.11422	.00632	.00159	.00011	.00035	.00000	.00000
4.000	1.518	-.02557	.11038	-.02867	.10961	.00603	.00184	.00012	.00031	.00000	.00000
4.000	3.629	.01900	.10759	.01216	.10857	.00691	.00177	.00003	.00034	.00000	.00000
4.000	4.591	.04178	.10616	.03315	.10916	.00712	.00216	.00002	.00037	.00000	.00000
4.000	5.567	.06650	.10434	.05607	.11029	.00702	.00221	.00000	.00043	.00000	.00000
4.000	7.627	.12178	.10181	.10719	.11707	.00653	.00242	.00001	.00044	.00000	.00000
4.000	9.578	.17606	.09938	.15707	.12729	.00612	.00218	.00013	.00046	.00000	.00000
4.000	11.558	.23265	.09586	.20872	.14053	.00519	.00209	.00014	.00052	.00000	.00000
4.000	12.545	.26168	.09509	.23478	.14966	.00461	.00211	.00014	.00057	.00000	.00000
4.000	13.579	.29386	.09401	.26357	.16038	.00332	.00201	.00016	.00057	.00000	.00000
4.000	14.567	.32569	.09261	.29193	.17155	.00189	.00215	.00019	.00058	.00000	.00000
4.000	15.561	.35874	.09085	.32122	.18376	.00001	.00216	.00016	.00062	.00000	.00000
4.000	16.527	.39124	.08927	.34968	.19688	-.00195	.00186	.00028	.00059	.00000	.00000
4.000	17.584	.42804	.08773	.38153	.21295	-.00389	.00193	.00038	.00053	.00000	.00000
4.000	19.618	.50113	.08511	.44346	.24842	-.00817	.00224	.00021	.00066	.00000	.00000
4.000	23.577	.65369	.08068	.56686	.33541	-.01636	.00255	.00031	.00055	.00000	.00000
4.000	24.613	.69506	.07993	.59862	.36215	-.01858	.00238	.00035	.00055	.00000	.00000
4.000	27.653	.82516	.07738	.69499	.45151	-.02638	.00309	.00010	.00073	.00000	.00000
4.000	31.627	1.00700	.07215	.81958	.58948	-.03874	.00339	.00010	.00082	.00000	.00000
4.000	GRADIENT	.02188	-.00171	.01993	-.00193	.00003	.00011	-.00003	.00001	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A065) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHFS YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000
 AILRON = .000
 SPOBRK = 87.200
 ELEVON = .000
 BDELAP = .000
 RUDDER = .000

RUN NO. 300/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.388	-1.1241	.11350	-1.10758	.11808	.00183	.00013	.00019	.00023	.00000	.00000
4.500	-3.374	-0.7120	.10783	-0.7050	.10829	.00165	-0.00003	.00011	.00022	.00000	.00000
4.500	1.525	-0.2901	.10342	-0.3193	.10255	.00205	.00025	.00009	.00020	.00000	.00000
4.500	3.707	.01618	.09998	.00968	.10081	.00356	.00084	.00001	.00035	.00000	.00000
4.500	4.652	.03659	.09799	.02852	.10063	.00350	.00075	.00003	.00032	.00000	.00000
4.500	5.612	.05943	.09621	.04973	.10156	.00372	.00079	.00004	.00035	.00000	.00000
4.500	7.617	.10882	.09411	.09539	.10770	.00405	.00090	.00005	.00037	.00000	.00000
4.500	9.607	.16107	.09189	.14348	.11748	.00402	.00115	.00011	.00043	.00000	.00000
4.500	11.638	.21665	.08844	.19436	.13033	.00212	.00105	.00025	.00040	.00000	.00000
4.500	12.654	.24525	.08566	.22053	.13730	.00171	.00067	.00040	.00038	.00000	.00000
4.500	13.632	.27550	.08457	.24781	.14712	.00062	.00057	.00055	.00031	.00000	.00000
4.500	14.656	.30676	.08344	.27567	.15834	.00075	.00084	.00039	.00041	.00000	.00000
4.500	15.623	.33840	.08214	.30378	.17024	.00238	.00112	.00034	.00048	.00000	.00000
4.500	16.591	.37027	.08079	.33178	.18315	.00415	.00126	.00032	.00056	.00000	.00000
4.500	17.618	.40480	.07963	.36171	.19842	.00603	.00144	.00027	.00059	.00000	.00000
4.500	19.583	.47208	.07784	.41869	.23156	.01007	.00141	.00020	.00057	.00000	.00000
4.500	23.628	.62447	.07447	.54227	.31851	.01885	.00232	.00017	.00073	.00000	.00000
4.500	24.614	.66340	.07425	.57220	.34381	.02119	.00219	.00014	.00067	.00000	.00000
4.500	27.683	.78922	.07255	.66517	.43090	.02906	.00262	.00010	.00081	.00000	.00000
4.500	31.716	.96657	.06754	.78672	.56559	.04499	.00261	.00011	.00098	.00000	.00000
4.500	GRADIENT	.02121	-.00215	.01938	-.00239	.00029	.00012	-.00002	.00002	.00000	.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131, MODEL 105-0, SILTS OFF, SB CAVITY OPEN

(17A066) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 264/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.466	.15231	-.11691	.15749	.03423	-.04161	.00377	-.00271	.00000	.00000
2.500	-.460	.15108	-.06195	.15158	.03006	-.03942	.00335	-.00238	.00000	.00000
2.500	1.547	.14825	-.00310	.14823	.02561	-.03681	.00280	-.00228	.00000	.00000
2.500	3.577	.14443	.04938	.14779	.02118	-.03425	.00209	-.00245	.00000	.00000
2.500	4.621	.14259	.07954	.14949	.01901	-.03268	.00165	-.00241	.00000	.00000
2.500	5.576	.14045	.10720	.15159	.01684	-.03215	.00143	-.00235	.00000	.00000
2.500	7.636	.13535	.16849	.15915	.01225	-.03180	.00135	-.00261	.00000	.00000
2.500	9.576	.13130	.22977	.17192	.00826	-.03117	.00123	-.00305	.00000	.00000
2.500	11.559	.12828	.29167	.19059	.00410	-.03141	.00114	-.00335	.00000	.00000
2.500	12.576	.12718	.32490	.20279	.00184	-.03117	.00093	-.00370	.00000	.00000
2.500	13.596	.12612	.35830	.21641	-.00018	-.03011	.00056	-.00366	.00000	.00000
2.500	14.558	.12479	.38831	.22977	-.00245	-.02910	-.00010	-.00357	.00000	.00000
2.500	15.534	.12314	.42016	.24460	-.00521	-.02769	-.00082	-.00351	.00000	.00000
2.500	16.561	.12135	.45256	.26119	-.00765	-.02607	-.00155	-.00325	.00000	.00000
2.500	17.597	.11917	.48706	.27949	-.01007	-.02434	-.00226	-.00326	.00000	.00000
2.500	19.626	.11565	.55078	.31919	-.01572	-.02114	-.00382	-.00301	.00000	.00000
2.500	23.584	.10656	.67848	.41247	-.02951	-.01723	-.00687	-.00196	.00000	.00000
2.500	24.583	.10464	.70968	.43974	-.03370	-.01623	-.00744	-.00172	.00000	.00000
2.500	27.620	.09559	.80618	.52970	-.04789	-.01336	-.00874	-.00148	.00000	.00000
2.500	31.488	.08450	.92262	.66422	-.06239	-.01448	-.00769	-.00249	.00000	.00000
2.500	GRADIENT	-.00142	.02765	-.00115	-.00216	-.00126	-.00030	-.00003	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A066) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 276/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.345	-.11295	.12540	-.10772	.12991	.01046	-.03311	.00256	-.00104	.00000	.00000
3.500	-.358	-.06916	.12281	-.06839	.12324	.01111	-.03184	.00248	-.00134	.00000	.00000
3.500	1.622	-.02292	.12000	-.02631	.11930	.01168	-.03078	.00241	-.00178	.00000	.00000
3.500	3.657	.02699	.11576	.01955	.11724	.01104	-.02848	.00171	-.00204	.00000	.00000
3.500	4.609	.05228	.11387	.04296	.11770	.01066	-.02780	.00162	-.00215	.00000	.00000
3.500	5.623	.07934	.11244	.06794	.11967	.01035	-.02765	.00158	-.00228	.00000	.00000
3.500	7.650	.13501	.10934	.11925	.12634	.01020	-.02692	.00146	-.00249	.00000	.00000
3.500	9.605	.19113	.10683	.17062	.13723	.00909	-.02652	.00138	-.00275	.00000	.00000
3.500	11.651	.25341	.10316	.22736	.15221	.00723	-.02591	.00101	-.00286	.00000	.00000
3.500	12.671	.28438	.10193	.25509	.16182	.00594	-.02549	.00079	-.00286	.00000	.00000
3.500	13.631	.31547	.10071	.28285	.17223	.00442	-.02488	.00047	-.00288	.00000	.00000
3.500	14.638	.34833	.09936	.31191	.18416	.00250	-.02349	-.00011	-.00281	.00000	.00000
3.500	15.590	.38046	.09801	.34012	.19665	.00045	-.02220	-.00068	-.00272	.00000	.00000
3.500	16.607	.41476	.09674	.36981	.21125	-.00139	-.02110	-.00131	-.00268	.00000	.00000
3.500	17.718	.45272	.09510	.40230	.22837	-.00361	-.01988	-.00193	-.00252	.00000	.00000
3.500	19.645	.52093	.09263	.45947	.26237	-.00754	-.01799	-.00311	-.00220	.00000	.00000
3.500	23.647	.67498	.08756	.58319	.35094	-.01781	-.01429	-.00522	-.00149	.00000	.00000
3.500	24.623	.71409	.08652	.61311	.37617	-.02027	-.01340	-.00566	-.00139	.00000	.00000
3.500	27.666	.84310	.08269	.70831	.46470	-.02885	-.01273	-.00591	-.00162	.00000	.00000
3.500	31.693	1.02570	.07509	.83331	.60279	-.04368	-.01461	-.00420	-.00266	.00000	.00000
3.500	GRADIENT	.02374	-.00167	.02166	-.00175	.00003	.00078	-.00015	-.00016	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A066) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 289/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.437	-.11222	.11828	-.10709	.12294	.00599	-.03297	.00274	-.00087	.00000	.00000
4.000	-.467	-.07267	.11479	-.07173	.11538	.00585	-.03158	.00264	-.00119	.00000	.00000
4.000	1.526	-.02674	.11137	-.02989	.11057	.00691	-.03051	.00250	-.00164	.00000	.00000
4.000	3.551	.01713	.10719	.01045	.10804	.00632	-.02867	.00182	-.00191	.00000	.00000
4.000	4.602	.04373	.10522	.03515	.10839	.00624	-.02759	.00167	-.00198	.00000	.00000
4.000	5.600	.06791	.10374	.05746	.10987	.00596	-.02741	.00166	-.00218	.00000	.00000
4.000	7.549	.11842	.10142	.10406	.11610	.00638	-.02707	.00156	-.00243	.00000	.00000
4.000	9.599	.17573	.09850	.15684	.12642	.00574	-.02584	.00124	-.00267	.00000	.00000
4.000	11.525	.23155	.09468	.20797	.13904	.00366	-.02561	.00095	-.00288	.00000	.00000
4.000	12.561	.26337	.09362	.23671	.14866	.00219	-.02472	.00052	-.00289	.00000	.00000
4.000	13.633	.29591	.09237	.26580	.15951	.00094	-.02371	.00008	-.00289	.00000	.00000
4.000	14.590	.32700	.09138	.29344	.17080	-.00023	-.02292	-.00027	-.00289	.00000	.00000
4.000	15.627	.36079	.09006	.32319	.18392	-.00189	-.02225	-.00060	-.00289	.00000	.00000
4.000	16.559	.39297	.08885	.35135	.19716	-.00310	-.02100	-.00105	-.00287	.00000	.00000
4.000	17.557	.42703	.08744	.38076	.21218	-.00485	-.02056	-.00160	-.00285	.00000	.00000
4.000	19.584	.49951	.08539	.44199	.24788	-.00841	-.01840	-.00264	-.00255	.00000	.00000
4.000	23.557	.65331	.08071	.56661	.33508	-.01755	-.01470	-.00482	-.00195	.00000	.00000
4.000	24.653	.69688	.07977	.60009	.36318	-.01989	-.01224	-.00501	-.00201	.00000	.00000
4.000	27.553	.82015	.07677	.69162	.44743	-.02795	-.01457	-.00471	-.00249	.00000	.00000
4.000	31.616	1.00480	.07217	.81787	.58823	-.03948	-.01565	-.00410	-.00282	.00000	.00000
4.000	GRADIENT	.02213	-.00186	.02019	-.00207	-.00011	.00075	-.00016	-.00016	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRREF = 936.6P00 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 301/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.406	-1.1311	1.1413	-1.0822	.11877	.00182	-.03175	.00207	-.00075	.00000	.00000
4.500	-.372	-.07198	.10925	-.07127	.10972	.00220	-.03065	.00188	-.00105	.00000	.00000
4.500	1.633	-.03041	.10513	-.03339	.10422	.00305	-.02979	.00190	-.00156	.00000	.00000
4.500	3.738	.01683	.10006	.01027	.10095	.00238	-.02732	.00123	-.00166	.00000	.00000
4.500	4.659	.03722	.09806	.02913	.10076	.00244	-.02685	.00121	-.00182	.00000	.00000
4.500	5.673	.06137	.09665	.05151	.10224	.00286	-.02651	.00121	-.00207	.00000	.00000
4.500	7.679	.11069	.09437	.09709	.10831	.00331	-.02557	.00109	-.00227	.00000	.00000
4.500	9.719	.16408	.09108	.14635	.11747	.00240	-.02373	.00058	-.00236	.00000	.00000
4.500	11.623	.21597	.08786	.19384	.12957	.00026	-.02304	.00029	-.00259	.00000	.00000
4.500	12.620	.24542	.08534	.22085	.13690	-.00069	-.02262	.00015	-.00263	.00000	.00000
4.500	13.645	.27679	.08381	.24920	.14674	-.00170	-.02221	-.00004	-.00268	.00000	.00000
4.500	14.641	.30715	.08310	.27618	.15804	-.00268	-.02167	-.00027	-.00278	.00000	.00000
4.500	15.619	.33905	.08231	.30437	.17056	-.00369	-.02100	-.00061	-.00280	.00000	.00000
4.500	16.607	.37144	.08127	.33272	.18404	-.00484	-.02021	-.00099	-.00273	.00000	.00000
4.500	17.614	.40413	.08045	.36084	.19897	-.00640	-.01938	-.00137	-.00271	.00000	.00000
4.500	19.598	.47338	.07818	.41973	.23243	-.01012	-.01735	-.00243	-.00237	.00000	.00000
4.500	23.647	.62573	.07470	.54323	.31941	-.01967	-.01430	-.00391	-.00188	.00000	.00000
4.500	24.660	.66547	.07414	.57384	.34504	-.02216	-.01431	-.00407	-.00196	.00000	.00000
4.500	27.707	.79074	.07259	.66633	.43192	-.03033	-.01462	-.00384	-.00250	.00000	.00000
4.500	31.708	.96644	.06826	.78631	.56602	-.04496	-.01384	-.00275	-.00288	.00000	.00000
4.500	GRADIENT	.02132	-.00227	.01950	-.00251	.00008	.00072	-.00013	-.00015	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A067) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

RUN NO. 265/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.438	-.12344	.15359	-.11679	.15870	.03658	-.00555	.00232	-.00121	.00000	.00000
2.500	-.464	-.06317	.14982	-.06196	.15033	.03160	-.00521	.00229	-.00114	.00000	.00000
2.500	1.562	-.00114	.14717	-.00515	.14708	.02646	-.00526	.00233	-.00111	.00000	.00000
2.500	3.566	.05921	.14442	.05011	.14782	.02199	-.00418	.00230	-.00109	.00000	.00000
2.500	4.599	.09098	.14189	.07931	.14873	.01916	-.00421	.00234	-.00120	.00000	.00000
2.500	5.557	.12091	.13984	.10680	.15090	.01673	-.00370	.00234	-.00111	.00000	.00000
2.500	7.544	.18460	.13424	.16537	.15731	.01331	-.00420	.00247	-.00124	.00000	.00000
2.500	9.556	.25360	.13105	.22833	.17133	.00938	-.00373	.00244	-.00134	.00000	.00000
2.500	11.583	.32532	.12858	.29288	.19128	.00497	-.00360	.00241	-.00125	.00000	.00000
2.500	12.617	.36196	.12726	.32542	.20325	.00262	-.00320	.00241	-.00107	.00000	.00000
2.500	13.551	.39582	.12620	.35523	.21543	.00063	-.00386	.00245	-.00117	.00000	.00000
2.500	14.631	.43603	.12475	.39038	.23085	-.00199	-.00310	.00265	-.00112	.00000	.00000
2.500	15.654	.47467	.12366	.42370	.24715	-.00423	-.00329	.00270	-.00119	.00000	.00000
2.500	16.550	.50867	.12235	.45275	.26218	-.00669	-.00309	.00270	-.00121	.00000	.00000
2.500	17.630	.54808	.12071	.48578	.28104	-.00906	-.00297	.00263	-.00114	.00000	.00000
2.500	19.549	.62179	.11716	.54674	.31846	-.01405	-.00254	.00233	-.00098	.00000	.00000
2.500	23.642	.78972	.10008	.68053	.41470	-.03005	-.00131	.00172	-.00064	.00000	.00000
2.500	24.568	.82829	.10435	.70992	.43928	-.03427	-.00137	.00171	-.00067	.00000	.00000
2.500	27.556	.95642	.09631	.80336	.52784	-.04733	.00031	.00172	-.00054	.00000	.00000
2.500	31.709	1.14310	.08427	.92821	.67254	-.06260	.00092	.00197	-.00045	.00000	.00000
2.500	GRADIENT	.03045	-.00158	.02785	-.00130	-.00245	.00020	.00000	.00001	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A067) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

RUN NO. 277/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.416	-11469	.12596	-1.0928	.13068	.01077	-.00170	.00202	-.00090	.00000	.00000
3.500	-3.347	-06861	.12156	-.06787	.12197	.01106	-.00158	.00201	-.00082	.00000	.00000
3.500	1.543	-.02106	.11889	-.02446	.11824	.01151	-.00137	.00191	-.00075	.00000	.00000
3.500	3.643	.02629	.11609	.01886	.11752	.01225	-.00128	.00195	-.00066	.00000	.00000
3.500	4.657	.05234	.11416	.04290	.11803	.01200	-.00134	.00196	-.00071	.00000	.00000
3.500	5.659	.07947	.11248	.06800	.11977	.01187	-.00097	.00197	-.00071	.00000	.00000
3.500	7.639	.13413	.11038	.11826	.12723	.01107	-.00088	.00199	-.00062	.00000	.00000
3.500	9.639	.19221	.10564	.17181	.13633	.01048	-.00159	.00223	-.00072	.00000	.00000
3.500	11.642	.25197	.10377	.22584	.15249	.00864	-.00166	.00224	-.00064	.00000	.00000
3.500	12.649	.28309	.10292	.25368	.16241	.00778	-.00164	.00224	-.00060	.00000	.00000
3.500	13.610	.31343	.10196	.28064	.17285	.00632	-.00162	.00222	-.00059	.00000	.00000
3.500	14.630	.34702	.10068	.31034	.18506	.00467	-.00151	.00211	-.00057	.00000	.00000
3.500	15.622	.38099	.09920	.34010	.19811	.00282	-.00109	.00198	-.00049	.00000	.00000
3.500	16.613	.41411	.09760	.36892	.21192	.00063	-.00087	.00181	-.00044	.00000	.00000
3.500	17.632	.44896	.09611	.39876	.22759	-.00183	-.00053	.00169	-.00031	.00000	.00000
3.500	19.608	.52033	.09310	.45891	.26232	-.00664	-.00004	.00154	-.00018	.00000	.00000
3.500	23.704	.67643	.08759	.58415	.35214	-.01711	.00042	.00135	-.00008	.00000	.00000
3.500	24.633	.71412	.08585	.61293	.37659	-.01925	.00053	.00124	.00000	.00000	.00000
3.500	27.642	.84097	.08303	.70647	.46372	-.02790	.00125	.00090	.00025	.00000	.00000
3.500	31.692	1.02790	.07556	.83494	.60432	-.04254	.00281	.00115	.00043	.00000	.00000
3.500	GRADIENT	.02361	-.00160	.02152	-.00171	.00021	.00006	-.00001	.00003	.00000	.00000

LA131, MODEL 105-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .6000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.444	-1.1413	.11825	-1.0898	.12301	.00760	-.00313	.00241	-.00103	.00000	.00000
4.000	-.439	-.07201	.11331	-.07114	.11386	.00682	-.00258	.00220	-.00090	.00000	.00000
4.000	1.589	-.02750	.10986	-.03053	.10906	.00660	-.00247	.00211	-.00086	.00000	.00000
4.000	3.558	.01670	.10729	.01001	.10812	.00756	-.00186	.00193	-.00069	.00000	.00000
4.000	4.596	.04097	.10564	.03238	.10659	.00781	-.00180	.00196	-.00075	.00000	.00000
4.000	5.583	.06607	.10390	.05565	.10853	.00773	-.00175	.00200	-.00071	.00000	.00000
4.000	7.636	.12055	.10186	.10595	.11698	.00727	-.00164	.00204	-.00068	.00000	.00000
4.000	9.584	.17449	.09936	.15551	.12702	.00683	-.00144	.00203	-.00064	.00000	.00000
4.000	11.617	.23275	.09593	.20867	.14084	.00582	-.00187	.00206	-.00056	.00000	.00000
4.000	12.552	.26075	.09515	.23384	.14954	.00499	-.00186	.00198	-.00054	.00000	.00000
4.000	13.551	.29144	.09401	.26130	.15969	.00388	-.00162	.00197	-.00047	.00000	.00000
4.000	14.561	.32404	.09256	.29036	.17105	.00231	-.00139	.00179	-.00040	.00000	.00000
4.000	15.602	.35825	.09088	.32061	.18389	.00043	-.00105	.00162	-.00031	.00000	.00000
4.000	16.563	.39163	.08918	.34996	.19712	-.00169	-.00082	.00148	-.00023	.00000	.00000
4.000	17.595	.42729	.08751	.38085	.21258	-.00369	-.00055	.00143	-.00016	.00000	.00000
4.000	19.616	.49948	.08484	.44200	.24760	-.00811	.00010	.00115	-.00001	.00000	.00000
4.000	23.659	.65502	.08048	.56767	.33657	-.01618	.00053	.00106	.00003	.00000	.00000
4.000	24.568	.69191	.07992	.59604	.36037	-.01830	.00086	.00087	.00013	.00000	.00000
4.000	27.535	.81682	.07723	.68859	.44608	-.02606	.00166	.00057	.00034	.00000	.00000
4.000	31.560	1.00130	.07168	.81567	.58515	-.03929	.00218	.00050	.00053	.00000	.00000
4.000		.02204	-.00174	.02009	-.00198	.00005	.00019	-.00007	.00004	.00000	.00000

GRADIENT

DATE 25 JUN 80

LAI31 (LARC UPKT 1299)

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LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A067) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

RUN NO. 302/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.399	-.11346	.11389	-.10860	.11854	.00163	-.00201	.00226	-.00104	.00000	.00000
4.500	-.323	-.07074	.10825	-.07013	.10865	.00170	-.00137	.00202	-.00085	.00000	.00000
4.500	1.573	-.02895	.10365	-.03197	.10276	.00192	-.00127	.00179	-.00073	.00000	.00000
4.500	3.603	.01252	.10065	.00617	.10123	.00351	-.00108	.00181	-.00062	.00000	.00000
4.500	4.675	.03718	.09841	.02903	.10117	.00365	-.00102	.00188	-.00062	.00000	.00000
4.500	5.656	.06001	.09663	.05020	.10208	.00375	-.00084	.00189	-.00054	.00000	.00000
4.500	7.624	.10900	.09476	.09547	.10838	.00434	-.00086	.00195	-.00050	.00000	.00000
4.500	9.628	.16072	.09262	.14296	.11820	.00405	-.00076	.00194	-.00048	.00000	.00000
4.500	11.632	.21591	.08907	.19352	.13077	.00212	-.00073	.00202	-.00049	.00000	.00000
4.500	12.682	.24588	.08597	.22100	.13785	.00170	-.00112	.00210	-.00048	.00000	.00000
4.500	13.616	.27455	.08497	.24683	.14722	.00056	-.00083	.00208	-.00044	.00000	.00000
4.500	14.590	.30498	.08378	.27404	.15790	-.00075	-.00032	.00175	-.00027	.00000	.00000
4.500	15.598	.33688	.08221	.30237	.16977	-.00268	-.00007	.00152	-.00012	.00000	.00000
4.500	16.590	.36967	.08100	.33115	.18318	-.00444	.00047	.00136	-.00002	.00000	.00000
4.500	17.649	.40557	.07973	.36231	.19895	-.00621	.00063	.00121	.00015	.00000	.00000
4.500	19.592	.47254	.07789	.41906	.23184	-.01004	.00085	.00102	.00025	.00000	.00000
4.500	23.626	.62380	.07466	.54159	.31840	-.01868	.00149	.00101	.00037	.00000	.00000
4.500	24.611	.66225	.07443	.57108	.34347	-.02114	.00165	.00108	.00041	.00000	.00000
4.500	27.638	.78740	.07270	.66383	.42966	-.02906	.00233	.00091	.00058	.00000	.00000
4.500	31.629	.96198	.06769	.78359	.56211	-.04533	.00474	.00132	.00106	.00000	.00000
4.500	GRADIENT	.02124	-.00214	.01941	-.00241	.00032	.00013	-.00006	.00006	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 266/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.25993	.13023	.23452	.17184	.00317	.10173	-.00411	.01056	.00000	.00000
2.500	-4.019	.25880	.13220	.23307	.17360	.00749	.06592	-.00167	.00660	.00000	.00000
2.500	-3.011	.25675	.13218	.23104	.17324	.00817	.05008	-.00147	.00520	.00000	.00000
2.500	-1.985	.25633	.13070	.23088	.17170	.00819	.03289	-.00078	.00323	.00000	.00000
2.500	-1.002	.25544	.13023	.23009	.17108	.00895	.01660	-.00012	.00159	.00000	.00000
2.500	-.019	.25517	.13070	.22975	.17149	.00921	.00074	.00023	.00002	.00000	.00000
2.500	.965	.25434	.13083	.22892	.17147	.00886	-.01522	.00060	-.00137	.00000	.00000
2.500	1.987	.25550	.13140	.22995	.17225	.00825	-.03020	.00115	-.00291	.00000	.00000
2.500	2.970	.25719	.13305	.23131	.17419	.00802	-.04629	.00186	-.00466	.00000	.00000
2.500	3.992	.25822	.13349	.23224	.17482	.00735	-.06254	.00213	-.00615	.00000	.00000
2.500	6.013	.26185	.13192	.23605	.17391	.00321	-.10006	.00450	-.01022	.00000	.00000
	GRADIENT	-.00006	.00016	-.00009	.00015	-.00002	-.01604	.00050	-.00160	.00000	.00000

RUN NO. 279/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.19678	.10554	.17622	.13714	.00411	.09695	-.00606	.01135	.00000	.00000
3.500	-4.000	.19575	.10649	.17505	.13790	.00681	.06276	-.00326	.00722	.00000	.00000
3.500	-3.011	.19426	.10672	.17355	.13787	.00799	.04610	-.00166	.00513	.00000	.00000
3.500	-1.985	.19380	.10678	.17308	.13785	.00913	.03167	-.00115	.00366	.00000	.00000
3.500	-1.002	.19330	.10603	.17274	.13700	.00968	.01663	-.00055	.00207	.00000	.00000
3.500	.000	.19366	.10556	.17320	.13656	.01018	.00171	.00019	.00034	.00000	.00000
3.500	.965	.19327	.10592	.17275	.13686	.00993	-.01261	.00081	-.00124	.00000	.00000
3.500	1.987	.19464	.10720	.17383	.13842	.00889	-.02714	.00142	-.00285	.00000	.00000
3.500	2.988	.19538	.10741	.17451	.13876	.00814	-.04158	.00200	-.00429	.00000	.00000
3.500	3.992	.19658	.10737	.17569	.13894	.00673	-.05877	.00352	-.00637	.00000	.00000
3.500	6.013	.19865	.10711	.17777	.13905	.00404	-.09246	.00633	-.01051	.00000	.00000
	GRADIENT	.00014	.00011	.00012	.00013	-.00000	-.01496	.00074	-.00165	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(17A068) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.17619	.09777	.15748	.12572	.00167	.09347	-.00575	.01095	.00000	.00000
4.000	-4.000	.17521	.09872	.15625	.12648	.00407	.06126	-.00338	.00719	.00000	.00000
4.000	-2.992	.17519	.09847	.15636	.12624	.00445	.04485	-.00186	.00516	.00000	.00000
4.000	-1.985	.17493	.09873	.15607	.12646	.00560	.02976	-.00088	.00341	.00000	.00000
4.000	-1.266	.17418	.09873	.15533	.12633	.00584	-.02585	-.00122	-.00273	.00000	.00000
4.000	-1.002	.17482	.09920	.15587	.12691	.00624	.01586	-.00038	.00190	.00000	.00000
4.000	-.019	.17404	.09945	.15505	.12704	.00654	.00217	.00008	.00038	.00000	.00000
4.000	.984	.17420	.09933	.15524	.12692	.00671	-.01150	.00057	-.00110	.00000	.00000
4.000	1.987	.17419	.09894	.15529	.12655	.00607	-.02596	.00125	-.00271	.00000	.00000
4.000	2.970	.17413	.09874	.15531	.12634	.00536	-.04072	.00216	-.00439	.00000	.00000
4.000	3.992	.17562	.09891	.15671	.12676	.00429	-.05760	.00368	-.00649	.00000	.00000
4.000	6.013	.17695	.09856	.15808	.12664	.00184	-.08959	.00609	-.01024	.00000	.00000
GRADIENT		-.00005	.00004	-.00005	.00003	.00007	-.01371	.00072	-.00155	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.16365	.09125	.14598	.11770	.00043	.08715	-.00452	.01021	.00000	.00000
4.500	-4.000	.16266	.09176	.14497	.11773	.00113	.05716	-.00311	.06703	.00000	.00000
4.500	-3.011	.16371	.09194	.14597	.11809	.00176	.04221	-.00174	.00517	.00000	.00000
4.500	-1.985	.16282	.09211	.14507	.11812	.00223	.02682	-.00048	.00326	.00000	.00000
4.500	-1.002	.16166	.09234	.14388	.11815	.00307	.01340	.00003	.00172	.00000	.00000
4.500	.000	.16148	.09228	.14371	.11806	.00355	.00101	.00009	.00036	.00000	.00000
4.500	.984	.16168	.09216	.14393	.11797	.00297	-.01017	-.00002	-.00084	.00000	.00000
4.500	1.987	.16229	.09159	.14463	.11750	.00227	-.02359	.00062	-.00237	.00000	.00000
4.500	2.970	.16275	.09172	.14507	.11771	.00172	-.03843	.00186	-.00418	.00000	.00000
4.500	4.011	.16322	.09185	.14551	.11792	.00094	-.05422	.00319	-.00610	.00000	.00000
4.500	6.013	.16391	.09211	.14615	.11829	-.00033	-.08321	.00486	-.00924	.00000	.00000
GRADIENT		-.00003	-.00002	-.00002	-.00003	-.00002	-.01355	.00064	-.00158	.00000	.00000

RUN NO. 291/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 303/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

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REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 RUDDER = -4.930
 SCALE = .0200

RUN NO. 278/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.19757	.10295	.17746	.13468	.00135	.09329	-.00390	.01014	.00000	.00000
3.500	-4.000	.19583	.10475	.17545	.13616	.00307	.05866	-.00101	.00596	.00000	.00000
3.500	-3.011	.19370	.10529	.17326	.13632	.00692	.04210	.00058	.00391	.00000	.00000
3.500	-1.985	.19368	.10555	.17321	.13656	.00865	.02747	.00104	.00240	.00000	.00000
3.500	-1.002	.19246	.10537	.17208	.13615	.00978	.01324	.00159	.00089	.00000	.00000
3.500	.000	.19217	.10583	.17170	.13656	.00978	.01159	.00223	.00069	.00000	.00000
3.500	.984	.19406	.10775	.17318	.13884	.01024	-.01572	.00275	-.00229	.00000	.00000
3.500	1.968	.19405	.10845	.17304	.13955	.00993	-.03055	.00342	-.00386	.00000	.00000
3.500	2.988	.19445	.10895	.17333	.14014	.00988	-.04560	.00404	-.00543	.00000	.00000
3.500	4.011	.19537	.10945	.17414	.14080	.00936	-.06279	.00555	-.00755	.00000	.00000
3.500	6.013	.19674	.10955	.17547	.14113	.00721	-.09556	.00814	-.01157	.00000	.00000
3.500	GRADIENT	.00005	.00063	-.00007	.00065	.00048	-.01492	.00071	-.00163	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 RUDDER = .000
 SCALE = .0200

RUN NO. 267/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.020	.44061	.11950	.39628	.22669	-.01155	.09697	-.00057	.01246	.00000	.00000
2.500	-3.981	.43780	.12426	.39235	.23059	-.00567	.05846	.00222	.00719	.00000	.00000
2.500	-2.992	.43518	.12500	.38962	.23066	-.00383	.04462	.00140	.00557	.00000	.00000
2.500	-1.985	.43428	.12463	.38885	.23007	-.00312	.02983	.00077	.00390	.00000	.00000
2.500	-1.002	.43509	.12421	.38972	.22991	-.00252	.01590	.00065	.00194	.00000	.00000
2.500	-.019	.43649	.12471	.39092	.23077	-.00223	.00114	.00045	.00005	.00000	.00000
2.500	.984	.43534	.12455	.38965	.23033	-.00226	-.01249	.00014	.00000	.00000	.00000
2.500	1.987	.43612	.12491	.39052	.23086	-.00284	-.02848	-.00014	-.00360	.00000	.00000
2.500	2.970	.43591	.12557	.39017	.23142	-.00340	-.04268	-.00058	-.00534	.00000	.00000
2.500	4.030	.43660	.12498	.39099	.23100	-.00488	-.05561	-.00150	-.00690	.00000	.00000
2.500	6.032	.44047	.12061	.39587	.22769	-.01026	-.09323	-.00078	-.01180	.00000	.00000
2.500	GRADIENT	.00002	.00009	-.00000	.00010	.00009	-.01442	-.00039	-.00180	.00000	.00000

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A070) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 280 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.35092	.09638	.31507	.18212	-.00348	.08973	-.00205	.01279	.00000	.00000
3.500	-4.000	.35134	.09741	.31520	.18323	-.00093	.05859	-.00098	.00850	.00000	.00000
3.500	-3.011	.35036	.09824	.31406	.18378	-.00014	.04242	.00020	.00607	.00000	.00000
3.500	-1.985	.34963	.09984	.31294	.18515	.00194	.02733	.00085	.00376	.00000	.00000
3.500	-1.002	.34931	.10024	.31252	.18545	.00278	.01477	.00051	.00216	.00000	.00000
3.500	-.019	.34954	.10092	.31257	.18619	.00424	.00192	.00023	.00041	.00000	.00000
3.500	.984	.35010	.10012	.31332	.18555	.00314	-.01105	.00003	-.00128	.00000	.00000
3.500	1.987	.35058	.09958	.31392	.18514	.00227	-.02388	-.00007	-.00299	.00000	.00000
3.500	2.970	.35051	.09883	.31405	.18438	.00128	-.03800	-.00028	-.00501	.00000	.00000
3.500	4.011	.35122	.09799	.31493	.18379	.00004	-.05465	.00171	-.00763	.00000	.00000
3.500	6.013	.35200	.09688	.31597	.18290	-.00307	-.08563	.00275	-.01193	.00000	.00000
	GRADIENT	.00004	.00006	.00003	.00007	.00015	-.01373	.00015	-.00191	.00000	.00000

RUN NO. 292 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.32522	.09010	.29205	.16908	-.00448	.08496	-.00098	.01184	.00000	.00000
4.000	-3.991	.32582	.09078	.29247	.16988	-.00260	.05668	-.00110	.00827	.00000	.00000
4.000	-3.011	.32574	.09112	.29231	.17019	-.00209	.04193	-.00027	.00621	.00000	.00000
4.000	-1.985	.32448	.09182	.29091	.17056	-.00058	.02674	.00063	.00397	.00000	.00000
4.000	-1.021	.32426	.09223	.29060	.17090	.00032	.01431	.00066	.00224	.00000	.00000
4.000	.000	.32354	.09313	.28977	.17161	.00222	.00191	.00014	.00055	.00000	.00000
4.000	.994	.32514	.09241	.29140	.17129	.00088	-.01035	-.00020	-.00124	.00000	.00000
4.000	1.968	.32501	.09207	.29136	.17093	.00001	-.02257	-.00027	-.00293	.00000	.00000
4.000	2.988	.32637	.09148	.29283	.17071	-.00120	-.03754	-.00061	-.00515	.00000	.00000
4.000	4.011	.32655	.09113	.29307	.17042	-.00193	-.05340	.00174	-.00747	.00000	.00000
4.000	6.013	.32716	.09020	.29390	.16969	-.00396	-.08132	.00165	-.01110	.00000	.00000
	GRADIENT	.00011	.00005	.00010	.00008	.00012	-.01340	.00019	-.00191	.00000	.00000

DATE 25 JUN 80

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LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A070) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 304/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-5.982	.30720	.08281	.27627	.15780	-.00563	.07853	-.00035	-.01119	.00000	.00000
4.500	-4.000	.30722	.08296	.27626	.15794	-.00366	.05194	-.00069	.00789	.00000	.00000
4.500	-2.992	.30676	.08289	.27584	.15775	-.00386	.03920	-.00032	.00604	.00000	.00000
4.500	-1.985	.30720	.08314	.27620	.15810	-.00287	.02423	.00066	.00372	.00000	.00000
4.500	-.983	.30673	.08339	.27569	.15822	-.00222	.01088	.00136	.00162	.00000	.00000
4.500	.000	.30616	.08387	.27502	.15854	-.00112	.00111	.00035	.00037	.00000	.00000
4.500	.984	.30681	.08415	.27557	.15897	-.00180	-.00824	-.00056	-.00076	.00000	.00000
4.500	1.987	.30767	.08366	.27653	.15873	-.00303	-.02126	-.00025	-.00279	.00000	.00000
4.500	2.970	.30840	.08275	.27746	.15803	-.00429	-.03542	.00067	-.00491	.00000	.00000
4.500	4.011	.30784	.08263	.27694	.15778	-.00511	-.04967	.00102	-.00693	.00000	.00000
4.500	6.013	.30802	.08300	.27702	.15818	-.00626	-.07485	.00104	-.01016	.00000	.00000
4.500	GRADIENT	.00014	.00000	.00014	.00004	-.00012	-.01238	.00010	-.00180	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A071) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 268/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.038	.63094	.10601	.55875	.31165	-.02986	.08854	.00649	.01289	.00000	.00000
2.500	-4.019	.63121	.11031	.55751	.31588	-.02349	.05227	.00653	.00746	.00000	.00000
2.500	-3.011	.62794	.11279	.55357	.31717	-.01996	.03852	.00605	.00555	.00000	.00000
2.500	-1.985	.62674	.11496	.55168	.31885	-.01693	.02544	.00467	.00369	.00000	.00000
2.500	-1.002	.62409	.11641	.54869	.31934	-.01446	.01361	.00269	.00205	.00000	.00000
2.500	.000	.62516	.11722	.54942	.32049	-.01392	.00229	.00050	.00030	.00000	.00000
2.500	.984	.62611	.11672	.55048	.32033	-.01468	-.00975	-.00177	-.00147	.00000	.00000
2.500	1.968	.62668	.11574	.55134	.31960	-.01565	-.01977	-.00381	-.00281	.00000	.00000
2.500	2.970	.62800	.11349	.55337	.31789	-.01849	-.03260	-.00569	-.00462	.00000	.00000
2.500	4.030	.62948	.11007	.55593	.31513	-.02217	-.04818	-.00645	-.00695	.00000	.00000
2.500	5.995	.63146	.10614	.55919	.31196	-.02827	-.08213	-.00852	-.01183	.00000	.00000
2.500	GRADIENT	-.00008	.00005	-.03010	.00003	.00020	-.01215	-.00181	-.00174	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.52545	.08803	.46509	.25988	-.01563	.08151	.00336	-.01269	.00000	.00000
3.500	-4.000	.52538	.08810	.46557	.26012	-.01466	.05140	.00360	.00787	.00000	.00000
3.500	-3.011	.52559	.08947	.46471	.26132	-.01268	.03708	.00371	.00563	.00000	.00000
3.500	-1.985	.52424	.09211	.46253	.26339	-.00880	.02314	.00349	.00351	.00000	.00000
3.500	-1.002	.52289	.09294	.46099	.26371	-.00724	.01231	.00215	.00195	.00000	.00000
3.500	.000	.52371	.09303	.46173	.26406	-.00696	.00223	.00023	.00054	.00000	.00000
3.500	.984	.52362	.09308	.46163	.26408	-.00693	-.00772	-.00151	-.00092	.00000	.00000
3.500	1.987	.52452	.09250	.46268	.26383	-.00818	-.01819	-.00312	-.00231	.00000	.00000
3.500	2.970	.52608	.08973	.46512	.26169	-.01174	-.03166	-.00340	-.00444	.00000	.00000
3.500	4.011	.52605	.08828	.46559	.26030	-.01422	-.04652	-.00329	-.00676	.00000	.00000
3.500	6.013	.52588	.08814	.46548	.26008	-.01514	-.07639	-.00285	-.01158	.00000	.00000
	GRADIENT	.00005	.00004	.00004	.00005	.00010	-.01170	-.00110	-.00172	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.49860	.08313	.44187	.24547	-.01450	.07755	.00403	-.01198	.00000	.00000
4.000	-4.000	.49347	.08302	.44273	.24567	-.01341	.05048	.00317	.00822	.00000	.00000
4.000	-3.011	.49899	.08342	.44214	.24588	-.01244	.03648	.00339	.00599	.00000	.00000
4.000	-1.985	.49749	.08556	.43999	.24743	-.00910	.02302	.00326	.00378	.00000	.00000
4.000	-1.002	.49728	.08608	.43962	.24785	-.00776	.01205	.00206	.00212	.00000	.00000
4.000	.000	.49741	.08545	.43995	.24730	-.00798	.00201	.00020	.00060	.00000	.00000
4.000	.984	.49792	.08594	.44026	.24795	-.00769	-.00720	-.00152	-.00089	.00000	.00000
4.000	1.987	.49781	.08575	.44023	.24772	-.00828	-.01839	-.00262	-.00268	.00000	.00000
4.000	2.988	.49949	.08366	.44253	.24629	-.01113	-.03153	-.00274	-.00482	.00000	.00000
4.000	4.011	.49356	.08277	.44290	.24546	-.01284	-.04581	-.00280	-.00702	.00000	.00000
4.000	6.013	.49932	.08321	.44253	.24578	-.01404	-.07263	-.00357	-.01090	.00000	.00000
	GRADIENT	.00005	-.00000	.00005	.00002	.00013	-.01153	-.00096	-.00182	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN (17A071) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 RUDDER = .000
 SCALE = .0200

RUN NO. 305/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.47438	.07783	.42066	.23269	-.01381	.07096	.00392	.01158	.00000	.00000
4.500	-4.000	.47336	.07653	.42071	.23130	-.01351	.04610	.00301	.00791	.00000	.00000
4.500	-2.992	.47394	.07670	.42062	.23146	-.01272	.03375	.00295	.00577	.00000	.00000
4.500	-1.985	.47408	.07834	.42020	.23307	-.01082	.02073	.00233	.00357	.00000	.00000
4.500	-1.002	.47335	.07903	.41928	.23346	-.00984	.01082	.00173	.00196	.00000	.00000
4.500	.000	.47349	.07832	.41966	.23284	-.01053	.00113	.00024	.00056	.00000	.00000
4.500	.984	.47317	.07887	.41913	.23325	-.01013	-.00731	-.00125	-.00077	.00000	.00000
4.500	1.987	.47426	.07846	.42034	.23323	-.01060	-.01721	-.00243	-.00239	.00000	.00000
4.500	2.988	.47542	.07711	.42189	.23234	-.01267	-.02928	-.00241	-.00452	.00000	.00000
4.500	4.011	.47519	.07685	.42177	.23200	-.01350	-.04284	-.00223	-.00683	.00000	.00000
4.500	5.013	.47618	.07764	.42243	.23310	-.01463	-.06633	-.00327	-.01034	.00000	.00000
4.500	GRADIENT	.00016	.00004	.00014	.00009	.00001	-.01066	-.00085	-.00174	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 25.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDELAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 RUDDER = .000
 SCALE = .0200

RUN NO. 269/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.83175	.09819	.71558	.43520	-.04417	.07453	.01450	.01170	.00000	.00000
2.500	-4.000	.83266	.10078	.71515	.43822	-.04002	.04708	.01131	.00692	.00000	.00000
2.500	-2.973	.83034	.10273	.71223	.43903	-.03712	.03362	.00960	.00472	.00000	.00000
2.500	-1.985	.82920	.10443	.71051	.44006	-.03474	.02078	.00732	.00269	.00000	.00000
2.500	-1.002	.83003	.10456	.71120	.44053	-.03465	.00170	.00439	.00143	.00000	.00000
2.500	-.019	.82778	.10414	.70937	.43916	-.03417	.00275	.00041	.00053	.00000	.00000
2.500	.984	.82810	.10444	.70954	.43955	-.03402	-.00549	-.00361	-.00041	.00000	.00000
2.500	1.949	.82819	.10478	.70947	.43992	-.03356	-.01457	-.00715	-.00160	.00000	.00000
2.500	2.970	.83028	.10308	.71211	.43920	-.03610	-.02793	-.00956	-.00364	.00000	.00000
2.500	4.030	.83015	.10117	.71284	.43731	-.03892	-.04046	-.01126	-.00570	.00000	.00000
2.500	5.995	.83093	.09790	.71497	.43457	-.04298	-.06922	-.01443	-.01079	.00000	.00000
2.500	GRADIENT	-.00024	.00005	-.00022	-.00008	.00017	-.01042	-.00309	-.00144	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN (17A072) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A072) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

MACH	BETA	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.71793	.08326	.61758	-.02665	.37543	.07329	.00883	.01236	.00000	.00000
3.500	-4.000	.71865	.08398	.61792	-.02490	.37641	.04533	.00766	.00736	.00000	.00000
3.500	-2.992	.71790	.08459	.61700	-.02388	.37663	.03148	.00727	.00478	.00000	.00000
3.500	-2.004	.71697	.08596	.61557	-.02138	.37751	.01926	.00604	.00277	.00000	.00000
3.500	-1.021	.71623	.08653	.61519	-.02007	.37798	.00956	.00380	.00130	.00000	.00000
3.500	.000	.71683	.08649	.61522	-.01983	.37795	.00222	.00027	.00059	.00000	.00000
3.500	.984	.71745	.08644	.61579	-.01986	.37817	-.00480	-.00324	-.00017	.00000	.00000
3.500	1.987	.71761	.08610	.61608	-.02087	.37791	-.01394	-.00580	-.00149	.00000	.00000
3.500	2.970	.71830	.08484	.61727	-.02320	.37700	-.02537	-.00711	-.00339	.00000	.00000
3.500	4.011	.71901	.08401	.61827	-.02498	.37653	-.03927	-.00775	-.00581	.00000	.00000
3.500	6.013	.71754	.08374	.61710	-.02634	.37558	-.06650	-.00885	-.01074	.00000	.00000
3.500	GRADIENT	.00008	.00002	.00006	.00005	.00004	-.00984	-.00226	-.00146	.00000	.00000

MACH	BETA	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.69153	.07911	.59592	-.02358	.35965	.06970	.00836	.01241	.00000	.00000
4.000	-4.000	.69229	.07935	.59652	-.02200	.36017	.04425	.00678	.00788	.00000	.00000
4.000	-3.011	.69175	.07978	.59585	-.02115	.36035	.03190	.00620	.00556	.00000	.00000
4.000	-1.985	.69202	.08053	.59576	-.01977	.36117	.01942	.00547	.00321	.00000	.00000
4.000	-1.002	.69179	.08090	.59539	-.01857	.36143	.00949	.00347	.00157	.00000	.00000
4.000	.000	.69181	.08049	.59558	-.01828	.36105	.00226	.00034	.00057	.00000	.00000
4.000	.984	.69157	.08082	.59522	-.01828	.36127	-.00463	-.00287	-.00047	.00000	.00000
4.000	1.987	.69221	.08032	.59603	-.01960	.36106	-.01401	-.00504	-.00200	.00000	.00000
4.000	2.988	.69236	.07949	.59652	-.02123	.36034	-.02585	-.00596	-.00414	.00000	.00000
4.000	4.011	.69366	.07930	.59779	-.02221	.36070	-.03866	-.00651	-.00656	.00000	.00000
4.000	6.013	.69215	.07963	.59632	-.02311	.36029	-.06359	-.00818	-.01087	.00000	.00000
4.000	GRADIENT	.00013	-.00003	.00012	-.00001	.00003	-.00977	-.00195	-.00166	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 25.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 RUDDER = .000
 SCALE = .0200

RUN NO. 306/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.66298	.07413	.57149	.34414	-.02428	.06469	.00755	.01222	.00000	.00000
4.500	-4.000	.66499	.07403	.57336	.34489	-.02345	.04218	.00534	.00836	.00000	.00000
4.500	-3.011	.66443	.07423	.57276	.34485	-.02265	.03126	.00454	.00622	.00000	.00000
4.500	-1.985	.66520	.07461	.57329	.34553	-.02112	.01690	.00411	.00366	.00000	.00000
4.500	-1.002	.66475	.07463	.57289	.34534	-.02181	.00942	.00283	.00183	.00000	.00000
4.500	-.019	.66511	.07436	.57334	.34523	-.02191	.00206	.00022	.00071	.00000	.00000
4.500	1.004	.66544	.07448	.57359	.34546	-.02175	-.00490	-.00245	-.00034	.00000	.00000
4.500	1.987	.66496	.07426	.57327	.34503	-.02266	-.01403	-.00403	-.00194	.00000	.00000
4.500	2.970	.66513	.07404	.57353	.34487	-.02358	-.02558	-.00448	-.00433	.00000	.00000
4.500	4.011	.66585	.07437	.57404	.34549	-.02414	-.03675	-.00517	-.00654	.00000	.00000
4.500	6.013	.66530	.07320	.57322	.34597	-.02487	-.05880	-.00709	-.01054	.00000	.00000
4.500	GRADIENT	.00010	-.00000	.00010	.00003	-.00011	-.00945	-.00151	-.00175	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 BETA = .000
 SCALE = .0200

RUN NO. 270/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.258	.25470	.13171	.22926	.17223	.00955	-.00497	.00379	-.00189	.00000	.00000
2.500	-6.610	.25369	.13158	.22828	.17192	.00933	-.00439	.00310	-.00163	.00000	.00000
2.500	-4.910	.25395	.13147	.22847	.17183	.00931	-.00259	.00241	-.00107	.00000	.00000
2.500	-3.220	.25411	.13114	.22878	.17155	.00922	-.00187	.00166	-.00076	.00000	.00000
2.500	-1.784	.25345	.13115	.22813	.17145	.00915	-.00044	.00100	-.00036	.00000	.00000
2.500	-.687	.25234	.13118	.22703	.17129	.00922	-.00004	.00065	-.00019	.00000	.00000
2.500	-.000	.25262	.13108	.22732	.17124	.00940	.00058	.00022	-.00008	.00000	.00000
2.500	.890	.25353	.13112	.22821	.17143	.00920	.00209	-.00049	.00050	.00000	.00000
2.500	1.561	.25434	.13099	.22903	.17144	.00921	.00272	-.00077	.00063	.00000	.00000
2.500	GRADIENT	-.00005	-.00006	-.00004	-.00006	-.00000	.00083	-.00049	.00027	.00000	.00000

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

LAI131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A073) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 87.200 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.265	.19406	.10754	.17323	.13862	.01051	-.00375	.00360	-.00146	.00000	.00000
3.500	-6.634	.19353	.10621	.17296	.13718	.01040	-.00302	.00299	-.00115	.00000	.00000
3.500	-4.929	.19320	.10560	.17275	.13650	.00991	-.00160	.00217	-.00070	.00000	.00000
3.500	-3.239	.19343	.10537	.17302	.13632	.00985	-.00058	.00146	-.00033	.00000	.00000
3.500	-1.798	.19359	.10546	.17316	.13643	.00992	.00077	.00084	.00005	.00000	.00000
3.500	-.892	.19396	.10535	.17354	.13639	.00984	.00123	.00045	.00022	.00000	.00000
3.500	-.037	.19370	.10539	.17328	.13638	.00970	.00171	.00021	.00035	.00000	.00000
3.500	.858	.19337	.10535	.17296	.13629	.00967	.00275	-.00038	.00065	.00000	.00000
3.500	1.590	.19378	.10548	.17334	.13650	.00983	.00314	-.00059	.00077	.00000	.00000
	GRADIENT	.00007	-.00002	.00007	-.00001	-.00003	.00074	-.00043	.00023	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.258	.17228	.10133	.15303	.12857	.00752	-.00352	.00346	-.00138	.00000	.00000
4.000	-6.606	.17240	.10094	.15321	.12820	.00703	-.00236	.00275	-.00102	.00000	.00000
4.000	-4.940	.17254	.10079	.15338	.12808	.00677	-.00087	.00200	-.00059	.00000	.00000
4.000	-3.345	.17222	.10052	.15310	.12777	.00639	.00028	.00128	-.00022	.00000	.00000
4.000	-1.821	.17276	.10030	.15367	.12764	.00636	.00122	.00066	.00010	.00000	.00000
4.000	-.844	.17281	.10036	.15370	.12772	.00643	.00154	.00045	.00023	.00000	.00000
4.000	-.040	.17326	.10034	.15414	.12778	.00636	.00194	.00009	.00040	.00000	.00000
4.000	.885	.17416	.10024	.15504	.12783	.00647	.00290	-.00042	.00071	.00000	.00000
4.000	1.619	.17303	.10028	.15393	.12768	.00642	.00321	-.00067	.00080	.00000	.00000
	GRADIENT	.00019	-.00007	.00020	-.00004	-.00033	.00061	-.00040	.00021	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-8.265	.16096	.09326	.14305	.11893	.00436	-.00386	.00325	-.00124	.00000	.00000
4.500	-6.610	.16103	.09305	.14315	.11873	.00410	-.00286	.00265	-.00093	.00000	.00000
4.500	-4.933	.16162	.09276	.14378	.11854	.00382	-.00159	.00198	-.00055	.00000	.00000
4.500	-3.285	.16171	.09248	.14392	.11828	.00343	-.00059	.00134	-.00023	.00000	.00000
4.500	-1.776	.16134	.09211	.14362	.11785	.00343	.00016	.00084	.00006	.00000	.00000
4.500	-.901	.16094	.09213	.14322	.11780	.00323	.00052	.00052	.00021	.00000	.00000
4.500	-.046	.16149	.09221	.14375	.11798	.00328	.00142	.00009	.00045	.00000	.00000
4.500	.876	.16160	.09231	.14384	.11809	.00330	-.00041	-.00074	.00074	.00000	.00000
4.500	1.636	.16116	.09242	.14339	.11812	.00328	.00241	-.00060	.00080	.00000	.00000
	GRADIENT	-.00005	-.00005	-.00004	-.00006	-.00007	.00063	-.00040	.00021	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A074) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.254	.43512	.12544	.38942	.23113	-.00150	-.00542	.00393	-.00185	.00000	.00000
2.500	-6.603	.43612	.12514	.39045	.23110	-.00138	-.00391	.00332	-.00149	.00000	.00000
2.500	-4.917	.43598	.12505	.39035	.23096	-.00201	-.00257	.00257	-.00112	.00000	.00000
2.500	-3.239	.43522	.12479	.38969	.23051	-.00223	-.00139	.00188	-.00071	.00000	.00000
2.500	-1.795	.43556	.12479	.39001	.23059	-.00238	-.00020	.00122	-.00029	.00000	.00000
2.500	-.906	.43617	.12482	.39060	.23077	-.00230	.00020	.00086	-.00012	.00000	.00000
2.500	-.034	.43531	.12463	.38983	.23035	-.00221	.00135	.00038	-.00020	.00000	.00000
2.500	.886	.43524	.12475	.38973	.23046	-.00220	.00231	-.00031	.00057	.00000	.00000
2.500	1.555	.43594	.12471	.39042	.23059	-.00224	.00335	-.00051	.00072	.00000	.00000
2.500	GRADIENT	-.00002	-.00005	-.00000	-.00005	-.00002	.00089	-.00049	.00029	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.273	.34784	.10097	.31101	.18563	.00487	-.00368	.00342	-.00129	.00000	.00000
3.500	-6.637	.34803	.10057	.31130	.18528	.00444	-.00284	.00282	-.00100	.00000	.00000
3.500	-4.914	.34828	.10047	.31157	.18525	.00429	-.00151	.00212	-.00062	.00000	.00000
3.500	-3.265	.34792	.10029	.31127	.18498	.00414	-.00039	.00144	-.00023	.00000	.00000
3.500	-1.758	.34838	.10028	.31172	.18509	.00413	.00067	.00089	.00010	.00000	.00000
3.500	-.839	.34772	.10029	.31107	.18493	.00416	.00093	.00060	.00023	.00000	.00000
3.500	-.034	.34811	.10027	.31145	.18502	.00409	.00180	.00022	.00046	.00000	.00000
3.500	.868	.34897	.10041	.31224	.18538	.00427	.00285	-.00034	.00079	.00000	.00000
3.500	1.595	.34856	.10038	.31185	.18526	.00423	.00323	-.00055	.00089	.00000	.00000
3.500	GRADIENT	.00008	-.00001	.00007	.00002	-.00000	.00073	-.00041	.00023	.00000	.00000

MACH	RUDDER	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.258	.32269	.09396	.28862	.17221	.00250	-.00295	.00290	-.00099	.00000
4.000	-6.613	.32284	.09388	.28878	.17218	.00227	-.00212	.00234	-.00068	.00000
4.000	-4.933	.32326	.09363	.28925	.17204	.00215	-.00117	.00175	-.00040	.00000
4.000	-3.279	.32307	.09357	.28909	.17193	.00202	-.00000	.00117	-.00001	.00000
4.000	-1.791	.32364	.09351	.28965	.17201	.00212	.00107	.00067	.00035	.00000
4.000	-.853	.32332	.09334	.28934	.17195	.00218	.00138	.00042	.00045	.00000
4.000	-.037	.32363	.09348	.28965	.17199	.00213	.00191	.00014	.00059	.00000
4.000	.876	.32296	.09343	.28902	.17175	.00202	.00264	-.00032	.00085	.00000
4.000	1.654	.32382	.09342	.28985	.17198	.00210	.00296	-.00049	.00095	.00000
4.000	GRADIENT	.00005	-.00003	.00006	-.00002	-.00000	.00062	-.00034	.00020	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A074) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 311/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-8.258	.30526	.08375	.27426	.15804	-.00146	-.00280	.00257	-.00098	.00000	.00000
4.500	-6.613	.30482	.08366	.27386	.15783	-.00142	-.00204	.00216	-.00056	.00000	.00000
4.500	-4.933	.30545	.08357	.27447	.15801	-.00126	-.00101	.00171	-.00034	.00000	.00000
4.500	-3.246	.30507	.08368	.27410	.15792	-.00135	-.00040	.00125	-.00012	.00000	.00000
4.500	-1.750	.30515	.08359	.27420	.15784	-.00143	-.00037	.00089	-.00013	.00000	.00000
4.500	-.940	.30470	.08358	.27376	.15773	-.00122	.00061	.00069	.00025	.00000	.00000
4.500	-.046	.30527	.08359	.27432	.15788	-.00128	.00125	.00041	.00044	.00000	.00000
4.500	.886	.30530	.08350	.27438	.15779	-.00123	.00174	.00004	.00052	.00000	.00000
4.500	1.578	.30494	.08342	.27404	.15763	-.00140	.00199	-.00009	.00072	.00000	.00000
	GRADIENT	-.00004	-.00004	-.00003	-.00005	-.00000	.00048	-.00028	.00017	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A075) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 272/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.262	.62300	.11705	.54759	.31934	-.01457	-.00455	.00359	-.00170	.00000	.00000
2.500	-6.562	.62402	.11723	.54850	.31983	-.01445	-.00340	.00314	-.00137	.00000	.00000
2.500	-4.917	.62562	.11727	.54997	.32044	-.01436	-.00190	.00237	-.00114	.00000	.00000
2.500	-3.282	.62563	.11719	.55000	.32038	-.01427	-.00047	.00176	-.00071	.00000	.00000
2.500	-1.802	.62437	.11746	.54876	.32015	-.01421	.00018	.00113	-.00035	.00000	.00000
2.500	-.911	.62403	.11727	.54851	.31985	-.01402	.00064	.00074	-.00004	.00000	.00000
2.500	.003	.62481	.11729	.54920	.32019	-.01393	.00159	.00041	.00013	.00000	.00000
2.500	.876	.62456	.11717	.54902	.31997	-.01405	.00271	-.00018	.00054	.00000	.00000
2.500	1.590	.62486	.11716	.54930	.32007	-.01395	.00305	-.00040	.00070	.00000	.00000
	GRADIENT	-.00016	-.00001	-.00014	-.00007	.00006	.00075	-.00043	.00028	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(17A075) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.273	.52266	.09264	.46107	.26300	-.00710	-.00164	.00252	-.00075	.00000	.00000
3.500	-6.630	.52222	.09254	.46069	.26276	-.00720	-.00099	.00207	-.00054	.00000	.00000
3.500	-4.914	.52217	.09265	.46060	.26285	-.00703	-.00005	.00151	-.00017	.00000	.00000
3.500	-3.228	.52222	.09272	.46062	.26293	-.00693	.00060	.00102	.00003	.00000	.00000
3.500	-1.780	.52196	.09273	.46038	.26285	-.00691	.00126	.00065	.00024	.00000	.00000
3.500	-.872	.52191	.09285	.46029	.26295	-.00674	.00165	.00051	.00040	.00000	.00000
3.500	-.043	.52207	.09265	.46051	.26283	-.00691	.00212	.00020	.00056	.00000	.00000
3.500	.865	.52185	.09273	.46027	.26283	-.00679	.00278	-.00012	.00079	.00000	.00000
3.500	1.619	.52168	.09263	.46014	.26268	-.00691	.00286	-.00027	.00081	.00000	.00000
3.500	GRADIENT	-.00007	.00000	-.00007	-.00002	.00002	.00047	-.00027	.00016	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.258	.49626	.08576	.43884	.24708	-.00815	-.00081	.00198	-.00041	.00000	.00000
4.000	-6.606	.49670	.08576	.43926	.24723	-.00802	-.00030	.00156	-.00019	.00000	.00000
4.000	-4.929	.49683	.08568	.43940	.24720	-.00811	.00055	.00117	.00008	.00000	.00000
4.000	-3.250	.49616	.08577	.43874	.24707	-.00807	.00107	.00081	.00026	.00000	.00000
4.000	-1.787	.49611	.08567	.43872	.24696	-.00802	.00148	.00054	.00044	.00000	.00000
4.000	-.858	.49624	.08577	.43881	.24709	-.00805	.00181	.00039	.00053	.00000	.00000
4.000	-.052	.49667	.08584	.43918	.24732	-.00787	.00213	.00023	.00064	.00000	.00000
4.000	.872	.49634	.08584	.43888	.24721	-.00803	.00266	.00001	.00083	.00000	.00000
4.000	1.613	.49634	.08592	.43885	.24728	-.00793	.00265	-.00008	.00085	.00000	.00000
4.000	GRADIENT	-.00003	.00003	-.00004	.00002	.00003	.00034	-.00019	.00012	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-8.269	.47555	.07824	.42145	.23378	-.01076	-.00058	.00151	-.00010	.00000	.00000
4.500	-6.617	.47513	.07815	.42108	.23356	-.01068	-.00007	.00128	.00002	.00000	.00000
4.500	-4.925	.47515	.07824	.42107	.23364	-.01074	.00043	.00096	.00023	.00000	.00000
4.500	-3.250	.47616	.07824	.42202	.23398	-.01066	.00094	.00074	.00039	.00000	.00000
4.500	-1.780	.47574	.07824	.42162	.23385	-.01071	.00118	.00052	.00050	.00000	.00000
4.500	-.916	.47525	.07814	.42119	.23359	-.01073	.00144	.00042	.00052	.00000	.00000
4.500	-.028	.47529	.07823	.42119	.23370	-.01064	.00155	.00024	.00063	.00000	.00000
4.500	.876	.47538	.07833	.42124	.23382	-.01067	.00193	.00005	.00077	.00000	.00000
4.500	1.619	.47540	.07832	.42126	.23383	-.01069	.00219	-.00004	.00085	.00000	.00000
4.500	GRADIENT	-.00003	.00001	-.00004	.00000	.00001	.00025	-.00016	.00009	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPOBRK = 87.200 BETA = .000

RUN NO. 273/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-8.269	.82772	.10451	.70928	.43927	-.03461	-.0284	.00294	-.00132	.00000	.00000
2.500	-6.613	.82795	.10443	.70952	.43932	-.03428	-.00171	.00245	-.00090	.00000	.00000
2.500	-4.925	.82793	.10448	.70949	.43934	-.03428	-.00067	.00185	-.00052	.00000	.00000
2.500	-3.265	.82934	.10451	.71073	.43998	-.03460	.00017	.00127	-.00036	.00000	.00000
2.500	-1.787	.82805	.10452	.70955	.43946	-.03427	.00130	.00082	.00007	.00000	.00000
2.500	-.926	.82858	.10440	.71010	.43955	-.03412	.00164	.00056	.00018	.00000	.00000
2.500	-.037	.82815	.10445	.70969	.43941	-.03405	.00229	.00025	.00332	.00000	.00000
2.500	.868	.82851	.10434	.71005	.43948	-.03450	.00296	-.00024	.00065	.00000	.00000
2.500	1.607	.82869	.10432	.71020	.43956	-.03453	.00339	-.00042	.00071	.00000	.00000
	GRADIENT	.00003	-.00003	.00003	-.00001	-.00001	.00063	-.00035	.00020	.00000	.00000

RUN NO. 283/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-8.273	.71642	.08642	.61487	.37771	-.01969	-.00061	.00185	-.00044	.00000	.00000
3.500	-6.630	.71629	.08639	.61476	.37763	-.01975	-.00004	.00154	-.00020	.00000	.00000
3.500	-4.914	.71629	.08643	.61475	.37766	-.01972	.00063	.00126	-.00003	.00000	.00000
3.500	-3.243	.71666	.08635	.61511	.37774	-.01981	.00118	.00082	.00021	.00000	.00000
3.500	-1.780	.71679	.08636	.61523	.37782	-.01985	.00177	.00064	.00032	.00000	.00000
3.500	-.901	.71712	.08642	.61549	.37802	-.01969	.00195	.00046	.00041	.00000	.00000
3.500	.003	.71710	.08647	.61545	.37807	-.01972	.00222	.00029	.00058	.00000	.00000
3.500	.858	.71717	.08634	.61556	.37798	-.01968	.00250	.00006	.00067	.00000	.00000
3.500	1.590	.71717	.08640	.61553	.37805	-.01971	.00278	-.00013	.00077	.00000	.00000
	GRADIENT	.00014	-.00000	.00012	.00007	.00001	.00032	-.00020	.00012	.00000	.00000

RUN NO. 295/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-8.258	.69147	.08054	.59522	.36103	-.01836	.00038	.00147	-.00014	.00000	.00000
4.000	-6.644	.69104	.08063	.59484	.36084	-.01841	.00080	.00120	-.00002	.00000	.00000
4.000	-4.921	.69111	.08055	.59492	.36082	-.01825	.00095	.00095	.00000	.00000	.00000
4.000	-3.239	.69049	.08057	.59435	.36056	-.01840	.00165	.00081	.00028	.00000	.00000
4.000	-1.760	.69124	.08055	.59504	.36087	-.01833	.00208	.00061	.00041	.00000	.00000
4.000	-.853	.69093	.08049	.59478	.36069	-.01836	.00206	.00050	.00039	.00000	.00000
4.000	-.012	.69141	.08057	.59519	.36096	-.01828	.00238	.00032	.00055	.00000	.00000
4.000	.668	.69101	.08048	.59485	.36072	-.01831	.00270	.00020	.00065	.00000	.00000
4.000	1.650	.69050	.08046	.59440	.36049	-.01855	.00280	.00014	.00071	.00000	.00000
	GRADIENT	-.00001	-.00001	-.00001	-.00002	-.00002	.00024	-.00013	.00009	.00000	.00000

(17A076) (24 JUN 80)

LA131,MODEL 105-0, SILTS OFF, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 307/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-8.265	.66490	.07441	.57318	.34509	-.02199	.00069	.00108	.00018	.00000	.00000
4.500	-6.610	.66440	.07440	.57273	.34488	-.02201	.00108	.00098	.00028	.00000	.00000
4.500	-4.929	.66505	.07440	.57331	.34517	-.02193	.00132	.00076	.00043	.00000	.00000
4.500	-3.279	.66461	.07440	.57291	.34499	-.02196	.00171	.00063	.00055	.00000	.00000
4.500	-1.795	.66454	.07440	.57285	.34496	-.02187	.00182	.00044	.00056	.00000	.00000
4.500	-.906	.66459	.07449	.57285	.34507	-.02188	.00195	.00039	.00063	.00000	.00000
4.500	-.021	.66464	.07438	.57293	.34501	-.02203	.00221	.00033	.00073	.00000	.00000
4.500	.865	.66511	.07447	.57332	.34528	-.02204	.00247	.00022	.00080	.00000	.00000
4.500	1.573	.66415	.07438	.57249	.34480	-.02208	.00230	.00003	.00084	.00000	.00000
4.500	GRADIENT	-.00006	.00000	-.00006	-.00002	-.00002	.00016	-.00010	.00006	.00000	.00000

(17A077) (24 JUN 80)

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 32.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 274/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.262	1.13880	.08501	.92553	.66903	-.06185	-.00028	.00293	-.00101	.00000	.00000
2.500	-6.620	1.13930	.08477	.92601	.66905	-.06193	.00033	.00255	-.00073	.00000	.00000
2.500	-4.910	1.13740	.08476	.92448	.66804	-.06229	.00100	.00201	-.00051	.00000	.00000
2.500	-3.285	1.13820	.08476	.92516	.66845	-.06193	.00216	.00163	-.00022	.00000	.00000
2.500	-1.761	1.13920	.08479	.92596	.66898	-.06195	.00286	.00126	-.00003	.00000	.00000
2.500	-.887	1.13770	.08488	.92459	.66829	-.06191	.00298	.00103	.00003	.00000	.00000
2.500	-.012	1.13760	.08473	.92459	.66810	-.06189	.00329	.00073	.00033	.00000	.00000
2.500	.879	1.13670	.08502	.92374	.66784	-.06193	.00432	.00044	.00053	.00000	.00000
2.500	1.578	1.13720	.08475	.92438	.66786	-.06219	.00453	.00037	.00063	.00000	.00000
2.500	GRADIENT	-.00014	.00001	-.00012	-.00007	.00002	.00052	-.00026	.00018	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 32.000 ELEVON = .000
 AIRLON = .000 BOFLAP = .000
 SPDBRK = 87.200 BETA = .000

RUN NO. 284/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-8.273	1.02880	.07536	.83586	.60458	-.04247	.00215	.00149	.00018	.00000	.00000
3.500	-6.637	1.02800	.07450	.83573	.60331	-.04460	.00283	.00127	.00033	.00000	.00000
3.500	-4.914	1.02830	.07509	.83559	.60401	-.04313	.00230	.00117	.00027	.00000	.00000
3.500	-3.235	1.02880	.07502	.83603	.60421	-.04293	.00296	.00079	.00053	.00000	.00000
3.500	-1.780	1.02770	.07491	.83521	.60350	-.04334	.00338	.00082	.00058	.00000	.00000
3.500	-.906	1.02780	.07492	.83527	.60363	-.04315	.00387	.00069	.00072	.00000	.00000
3.500	-.009	1.02900	.07515	.83613	.60446	-.04277	.00280	.00048	.00061	.00000	.00000
3.500	.861	1.02770	.07493	.83517	.60354	-.04368	.00414	.00048	.00082	.00000	.00000
3.500	1.578	1.02770	.07487	.83524	.60347	-.04362	.00369	.00025	.00081	.00000	.00000
	GRADIENT	-.00009	-.00002	-.00006	-.00007	-.00007	.00021	-.00012	.00008	.00000	.00000

RUN NO. 296/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-8.265	1.00060	.07240	.81417	.58607	-.03916	.00225	.00091	.00042	.00000	.00000
4.000	-6.630	1.00140	.07274	.81473	.58684	-.03833	.00209	.00063	.00046	.00000	.00000
4.000	-4.925	1.00220	.07265	.81548	.58716	-.03875	.00291	.00069	.00054	.00000	.00000
4.000	-3.254	1.00060	.07224	.81430	.58594	-.03938	.00251	.00039	.00060	.00000	.00000
4.000	-1.776	.99857	.07159	.81298	.58422	-.04109	.00314	.00013	.00078	.00000	.00000
4.000	-.897	.99964	.07198	.81364	.58519	-.03995	.00352	.00032	.00079	.00000	.00000
4.000	.011	1.00110	.07217	.81475	.58612	-.03939	.00342	.00035	.00071	.00000	.00000
4.000	.868	.99998	.07185	.81404	.58520	-.04042	.00397	.00022	.00087	.00000	.00000
4.000	1.631	1.00020	.07201	.81417	.58549	-.03967	.00349	.00011	.00088	.00000	.00000
	GRADIENT	-.00021	-.00009	-.00013	-.00020	-.00014	.00016	-.00007	.00005	.00000	.00000

RUN NO. 308/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-8.269	.96289	.06806	.78407	.56304	-.04459	.00234	.00081	.00072	.00000	.00000
4.500	-6.633	.96383	.06859	.78457	.56403	-.04308	.00217	.00056	.00074	.00000	.00000
4.500	-4.933	.96351	.06818	.78455	.56345	-.04423	.00301	.00066	.00081	.00000	.00000
4.500	-3.205	.96322	.06849	.78412	.56360	-.04339	.00240	.00030	.00087	.00000	.00000
4.500	-1.787	.96416	.06858	.78478	.56417	-.04325	.00281	.00030	.00095	.00000	.00000
4.500	-.935	.96416	.06859	.78488	.56416	-.04311	.00296	.00040	.00097	.00000	.00000
4.500	-.034	.96319	.06810	.78434	.56319	-.04422	.00278	.00011	.00102	.00000	.00000
4.500	.872	.96260	.06789	.78395	.56270	-.04472	.00349	.00028	.00108	.00000	.00000
4.500	1.607	.96419	.06851	.78497	.56408	-.04292	.00347	.00014	.00104	.00000	.00000
	GRADIENT	.00000	-.00002	.00001	-.00002	.00002	.00010	-.00007	.00005	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED (17A078) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 312/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.485	-1.2142	.15422	-.11462	.15933	.03645	-.00005	.00007	.00017	.00000	.00000
2.500	-.424	-.05876	.15022	-.05765	.15065	.03078	.00025	.00010	.00009	.00000	.00000
2.500	1.583	.00313	.14711	-.00094	.14714	.02588	.00041	.00019	-.00000	.00000	.00000
2.500	3.652	.06447	.14411	.05516	.14792	.02124	.00055	.00034	-.00004	.00000	.00000
2.500	4.590	.09455	.14204	.08288	.14915	.01870	.00057	.00032	-.00009	.00000	.00000
2.500	5.614	.12606	.13980	.11178	.15146	.01603	.00106	.00038	-.00009	.00000	.00000
2.500	7.566	.18936	.13561	.16986	.15936	.01259	.00142	.00039	-.00016	.00000	.00000
2.500	9.592	.25795	.13197	.23236	.17311	.00849	.00109	.00038	-.00017	.00000	.00000
2.500	11.559	.32665	.12905	.29416	.19188	.00422	.00140	.00044	-.00002	.00000	.00000
2.500	12.616	.36550	.12728	.32887	.20403	.00195	.00198	.00047	-.00002	.00000	.00000
2.500	13.554	.40011	.12591	.35946	.21617	-.00001	.00156	.00047	.00002	.00000	.00000
2.500	14.640	.44001	.12441	.39428	.23159	-.00224	.00123	.00052	-.00003	.00000	.00000
2.500	15.564	.47421	.12284	.42386	.24557	-.00415	.00173	.00057	-.00008	.00000	.00000
2.500	16.628	.51397	.12114	.45781	.26315	-.00647	.00108	.00058	-.00009	.00000	.00000
2.500	17.600	.55103	.11981	.48901	.28081	-.00851	.00182	.00066	-.00006	.00000	.00000
2.500	19.621	.62681	.11620	.55139	.31993	-.01311	.00203	.00067	-.00004	.00000	.00000
2.500	23.581	.78804	.10675	.67952	.41309	-.02826	.00219	.00055	-.00007	.00000	.00000
2.500	24.608	.83128	.10342	.71272	.44018	-.03304	.00223	.00054	-.00009	.00000	.00000
2.500	27.612	.96176	.10342	.80811	.53011	-.04569	.00302	.00067	-.00003	.00000	.00000
2.500	31.580	1.13480	.07757	.92611	.66036	-.05873	.00386	.00115	-.00010	.00000	.00000
2.500	GRADIENT	.03045	-.00167	.02784	-.00134	-.00247	.00009	.00004	-.00004	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A078) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 320/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.404	-.11424	.12868	-.10874	.13336	.01118	.00234	-.00011	.00016	.00000	.00000
3.500	-.378	-.06804	.12391	-.06722	.12435	.01131	.00283	-.00006	.00020	.00000	.00000
3.500	1.350	-.01965	.12059	-.02311	.11997	.01161	.00288	-.00009	.00025	.00000	.00000
3.500	3.650	.02841	.11754	.02087	.11911	.01236	.00301	-.00013	.00036	.00000	.00000
3.500	4.653	.05483	.11539	.04529	.11946	.01209	.00332	-.00023	.00038	.00000	.00000
3.500	5.673	.08194	.11346	.07032	.12100	.01186	.00344	-.00025	.00039	.00000	.00000
3.500	7.633	.13659	.11136	.12059	.12862	.01111	.00360	-.00014	.00043	.00000	.00000
3.500	9.613	.19394	.10844	.17311	.13931	.00984	.00306	-.00013	.00044	.00000	.00000
3.500	11.686	.25652	.10572	.22979	.15549	.00827	.00304	-.00019	.00039	.00000	.00000
3.500	12.641	.28590	.10465	.25607	.16468	.00735	.00307	-.00017	.00042	.00000	.00000
3.500	13.665	.31921	.10336	.28575	.17584	.00590	.00311	-.00016	.00041	.00000	.00000
3.500	14.643	.35066	.10195	.31350	.18729	.00453	.00305	-.00025	.00039	.00000	.00000
3.500	15.628	.38330	.10026	.34212	.19981	.00277	.00278	-.00030	.00038	.00000	.00000
3.500	16.722	.42039	.09855	.37426	.21534	.00058	.00293	-.00043	.00036	.00000	.00000
3.500	17.694	.45425	.09712	.40324	.23059	-.00175	.00287	-.00053	.00032	.00000	.00000
3.500	19.705	.52667	.09376	.46422	.26385	-.00651	.00292	-.00061	.00036	.00000	.00000
3.500	23.730	.68117	.08796	.58818	.35464	-.01678	.00294	-.00079	.00030	.00000	.00000
3.500	24.716	.72146	.08700	.61899	.38068	-.01923	.00300	-.00096	.00019	.00000	.00000
3.500	27.684	.85014	.08251	.71449	.46803	-.02728	.00292	-.00116	.00018	.00000	.00000
3.500	31.712	1.03490	.07390	.84159	.60688	-.04333	.00459	-.00119	.00037	.00000	.00000
3.500	GRADIENT	.02391	-.00182	.02179	-.00189	.00016	.00012	-.00002	.00003	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A078) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 328/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.472	-.11255	.12133	-.10721	.12607	.00754	.00195	.00008	.00018	.00000	.00000
4.000	-.416	-.06835	.11545	-.06751	.11594	.00599	.00211	.00005	.00023	.00000	.00000
4.000	1.583	-.02485	.11177	-.02793	.11104	.00580	.00205	.00006	.00025	.00000	.00000
4.000	3.569	.01930	.10896	.01248	.10995	.00678	.00253	.00005	.00029	.00000	.00000
4.000	4.539	.04163	.10738	.03300	.11034	.00733	.00243	.00007	.00026	.00000	.00000
4.000	5.576	.06905	.10552	.05847	.11173	.00720	.00258	.00003	.00022	.00000	.00000
4.000	7.601	.12274	.10352	.10797	.11884	.00707	.00260	.00000	.00026	.00000	.00000
4.000	9.573	.17731	.10137	.15798	.12945	.00615	.00253	.00002	.00030	.00000	.00000
4.000	11.553	.23335	.09806	.20898	.14281	.00479	.00215	.00021	.00032	.00000	.00000
4.000	12.581	.26374	.09705	.23627	.15216	.00421	.00242	.00018	.00037	.00000	.00000
4.000	13.579	.29437	.09603	.26359	.16247	.00310	.00246	.00026	.00032	.00000	.00000
4.000	14.564	.32669	.09448	.29243	.17359	.00165	.00216	.00030	.00032	.00000	.00000
4.000	15.541	.35863	.09288	.32063	.18557	.00008	.00242	.00032	.00035	.00000	.00000
4.000	16.564	.42778	.09109	.35151	.19959	-.00179	.00234	.00031	.00032	.00000	.00000
4.000	17.562	.48944	.08944	.38085	.21435	-.00389	.00225	.00036	.00032	.00000	.00000
4.000	19.574	.49934	.08632	.44156	.24862	-.00804	.00267	.00055	.00032	.00000	.00000
4.000	23.568	.65329	.08102	.56641	.33547	-.01595	.00266	.00050	.00018	.00000	.00000
4.000	24.558	.69347	.08102	.59745	.36109	-.01820	.00256	.00059	.00011	.00000	.00000
4.000	27.547	.81973	.07716	.69111	.44752	-.02570	.00235	.00077	.00006	.00000	.00000
4.000	31.579	1.00310	.07073	.81754	.58557	-.03893	.00325	.00053	.00012	.00000	.00000
4.000	GRADIENT	.02197	-.00193	.01999	-.00216	.00000	.00008	-.00002	.00001	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDARK = 87.200 RUDDER = .000

RUN NO. 336/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.388	-.11313	.11517	-.10824	.11978	.00117	.00122	.00004	.00006	.00000	.00000
4.500	-.324	-.07024	.10907	-.06962	.10946	.00119	.00140	-.00000	.00014	.00000	.00000
4.500	1.561	-.02879	.10413	-.03179	.10325	.00137	.00145	-.00002	.00014	.00000	.00000
4.500	3.685	.01507	.10060	.00857	.10136	.00286	.00162	-.00002	.00022	.00000	.00000
4.500	4.678	.03693	.09849	.02877	.10117	.00310	.00164	.00001	.00022	.00000	.00000
4.500	5.721	.06162	.09655	.05168	.10221	.00326	.00151	.00003	.00022	.00000	.00000
4.500	7.624	.10872	.09492	.09516	.10851	.00387	.00169	.00013	.00022	.00000	.00000
4.500	9.654	.16165	.09285	.14379	.11864	.00330	.00120	.00036	.00005	.00000	.00000
4.500	11.638	.21606	.09022	.19342	.13195	.00147	.00167	.00029	.00013	.00000	.00000
4.500	12.616	.24423	.08809	.21910	.13931	.00069	.00104	.00052	.00007	.00000	.00000
4.500	13.645	.27477	.08516	.24667	.14861	-.00019	.00109	.00060	.00008	.00000	.00000
4.500	14.601	.30486	.08371	.27354	.15926	-.00111	.00151	.00045	.00013	.00000	.00000
4.500	15.602	.33580	.08206	.30091	.17094	-.00275	.00127	.00046	.00011	.00000	.00000
4.500	16.636	.36998	.08077	.33100	.18455	-.00438	.00171	.00041	.00019	.00000	.00000
4.500	17.640	.40341	.07835	.35997	.19923	-.00630	.00185	.00034	.00022	.00000	.00000
4.500	19.640	.47181	.07433	.41803	.23237	-.01036	.00215	.00028	.00026	.00000	.00000
4.500	23.617	.62029	.07390	.53856	.31661	-.01917	.00212	.00047	.00021	.00000	.00000
4.500	24.619	.65931	.07165	.56859	.34184	-.02154	.00228	.00048	.00024	.00000	.00000
4.500	27.700	.78551	.06664	.66218	.42858	-.02908	.00236	.00058	.00030	.00000	.00000
4.500	31.699	.96237	.06664	.78379	.56238	-.04320	.00308	.00018	.00045	.00000	.00000
4.500	GRADIENT	.02123	-.00232	.01939	-.00257	.00030	.00006	-.00001	.00002	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

REFERENCE DATA

SREF = 2690.0000 SO.IN. XHRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YHRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZHRP = 375.0000 IN. ZO SPDGRK = 87.200 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	.26304	.13152	.23742	.17355	.00252	.10482	-.00441	.01051	.00000	.00000
2.500	.25782	.13377	.23192	.17488	.00731	.06651	-.00172	.00623	.00000	.00000
2.500	.25802	.13386	.23208	.17502	.00781	.05119	-.00147	.00482	.00000	.00000
2.500	.25808	.13252	.23236	.17371	.00805	.03429	-.00074	.00299	.00000	.00000
2.500	.25478	.13267	.22910	.17328	.00880	.01793	-.00010	.00157	.00000	.00000
2.500	.25521	.13316	.22944	.17384	.00900	.00169	-.00029	.00003	.00000	.00000
2.500	.25544	.13282	.22972	.17355	.00860	-.01440	.00067	-.00165	.00000	.00000
2.500	.25751	.13315	.23170	.17423	.00793	-.03030	.00136	-.00329	.00000	.00000
2.500	.25722	.13426	.23121	.17530	.00785	-.04578	.00198	-.00491	.00000	.00000
2.500	.25760	.13459	.23151	.17570	.00759	-.06259	.00231	-.00630	.00000	.00000
2.500	.26114	.13329	.23523	.17501	.00333	-.09974	.00467	-.01040	.00000	.00000
2.500	-.00006	.00010	-.00008	.00009	.00001	-.01610	.00052	-.00158	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	.19683	.10789	.17587	.13947	.00688	.06736	-.00384	.00767	.00000	.00000
3.500	.19635	.10805	.17536	.13956	.00807	.04653	-.00183	.00505	.00000	.00000
3.500	.19657	.10836	.17551	.13992	.00895	.03230	-.00131	.00359	.00000	.00000
3.500	.19672	.10845	.17564	.14004	.00955	.01736	-.00069	.00202	.00000	.00000
3.500	.19712	.10845	.17604	.14011	.00989	.00213	.00005	.00029	.00000	.00000
3.500	.19742	.10881	.17627	.14051	.00983	-.01209	.00063	-.00130	.00000	.00000
3.500	.19778	.10884	.17662	.14060	.00948	-.02692	.00130	-.00292	.00000	.00000
3.500	.19787	.10899	.17669	.14075	.00963	-.04168	.00188	-.00443	.00000	.00000
3.500	.19910	.10881	.17792	.14081	.00761	-.05815	.00345	-.00647	.00000	.00000
3.500	.20044	.10850	.17930	.14072	.00520	-.09182	.00634	-.01059	.00000	.00000
3.500	.00028	.00013	.00018	.00011	.00011	-.01513	.00078	-.00168	.00000	.00000

GRADIENT INTERVAL = -5.00/ 5.00

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A079) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 329/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.17787	.09875	.15894	.12700	.00135	.09472	-.00580	.01082	.00000	.00000
4.000	-4.000	.17732	.09976	.15823	.12791	.00384	.06227	-.00348	.00714	.00000	.00000
4.000	-3.011	.17647	.09962	.15741	.12762	.00475	.04577	-.00190	.00501	.00000	.00000
4.000	-1.985	.17624	.10022	.15708	.12818	.00552	.03034	-.00092	.00321	.00000	.00000
4.000	-1.002	.17602	.10092	.15674	.12884	.00614	.01689	-.00051	.00182	.00000	.00000
4.000	-.019	.17653	.10143	.15714	.12945	.00637	.00276	-.00001	.00028	.00000	.00000
4.000	.984	.17698	.10163	.15754	.12973	.00638	-.01135	.00060	-.00134	.00000	.00000
4.000	2.006	.17717	.10142	.15776	.12956	.00572	-.02526	.00116	-.00282	.00000	.00000
4.000	2.988	.17711	.10133	.15772	.12946	.00490	-.04014	.00207	-.00444	.00000	.00000
4.000	4.011	.17849	.10139	.15907	.12975	.00448	-.05651	.00364	-.00657	.00000	.00000
4.000	6.013	.17901	.10066	.15970	.12913	.00205	-.08973	.00620	-.01050	.00000	.00000
4.000	GRADIENT	.00016	.00025	.00011	.00028	.00008	-.01454	.00076	-.00164	.00000	.00000

RUN NO. 337/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.16117	.09180	.14352	.11751	.00020	.08738	-.00465	.00998	.00000	.00000
4.500	-4.000	.16168	.09186	.14401	.11765	.00115	.05801	-.00336	.00685	.00000	.00000
4.500	-3.011	.16129	.09224	.14356	.11795	.00164	.04267	-.00205	.00493	.00000	.00000
4.500	-1.985	.16095	.09243	.14318	.11809	.00213	.02719	-.00069	.00304	.00000	.00000
4.500	-1.002	.16113	.09290	.14328	.11860	.00279	.01369	.00010	.00140	.00000	.00000
4.500	-.019	.16096	.09330	.14304	.11897	.00331	.00119	.00030	.00008	.00000	.00000
4.500	.984	.16137	.09329	.14344	.11903	.00300	-.01054	.00022	-.00114	.00000	.00000
4.500	1.968	.16153	.09319	.14362	.11895	.00216	-.02343	.00071	-.00258	.00000	.00000
4.500	2.988	.16197	.09319	.14406	.11903	.00158	-.03827	.00180	-.00437	.00000	.00000
4.500	4.011	.16236	.09337	.14440	.11927	.00081	-.05389	.00318	-.00626	.00000	.00000
4.500	6.013	.16302	.09345	.14505	.11946	-.00005	-.08338	.00496	-.00954	.00000	.00000
4.500	GRADIENT	.00010	.00018	.00007	.00020	-.00002	-.01361	.00068	-.00157	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDRBK = 87.200 RUDDER = .000

RUN NO. 318/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.44116	.11947	.39684	.22676	-.01219	.09956	-.00083	.01242	.00000	.00000
2.500	-4.000	.43824	.12414	.39281	.23058	-.00593	.05920	.00206	.00694	.00000	.00000
2.500	-3.011	.43515	.12538	.38950	.23100	-.00367	.04534	.00143	.00533	.00000	.00000
2.500	-1.947	.43704	.12521	.39133	.23140	-.00340	.03080	.00090	.00349	.00000	.00000
2.500	-1.002	.43726	.12504	.39157	.23132	-.00233	.01620	.00065	.00170	.00000	.00000
2.500	.000	.43688	.12491	.39122	.23111	-.00217	.00176	.00044	-.00008	.00000	.00000
2.500	.984	.43724	.12492	.39155	.23124	-.00210	-.01209	.00017	-.00178	.00000	.00000
2.500	1.968	.43756	.12540	.39176	.23175	-.00290	-.02669	-.00009	-.00361	.00000	.00000
2.500	2.988	.43806	.12571	.39221	.23211	-.00369	-.04218	-.00064	-.00544	.00000	.00000
2.500	3.992	.43779	.12540	.39205	.23170	-.00474	-.05476	-.00140	-.00685	.00000	.00000
2.500	6.013	.44139	.12100	.39666	.22830	-.01065	-.09312	.00093	-.01196	.00000	.00000
2.500	GRADIENT	.00013	.00011	.00010	.00014	.00010	-.01441	-.00038	-.00176	.00000	.00000

RUN NO. 322/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.35385	.09737	.31760	.18390	-.00406	.09210	-.00230	.01271	.00000	.00000
3.500	-4.000	.35431	.09854	.31774	.18517	-.00114	.06093	-.00128	.00853	.00000	.00000
3.500	-3.011	.35445	.09937	.31765	.18602	-.00030	.04325	.00008	.00586	.00000	.00000
3.500	-1.985	.35368	.10075	.31656	.18718	.00198	.02786	.00081	.00351	.00000	.00000
3.500	-1.002	.35353	.10118	.31629	.18755	.00292	.01561	.00053	.00204	.00000	.00000
3.500	.019	.35285	.10210	.31541	.18827	.00428	.00243	.00019	.00031	.00000	.00000
3.500	.984	.35363	.10192	.31620	.18830	.00358	-.00961	-.00005	-.00130	.00000	.00000
3.500	1.968	.35493	.10103	.31769	.18776	.00217	-.02271	-.00042	-.00291	.00000	.00000
3.500	2.970	.35537	.10016	.31835	.18701	.00061	-.03703	-.00004	-.00502	.00000	.00000
3.500	4.011	.35565	.09852	.31878	.18646	-.00063	-.05263	.00142	-.00741	.00000	.00000
3.500	6.013	.35616	.09883	.31947	.18590	-.00306	-.06574	.00290	-.01206	.00000	.00000
3.500	GRADIENT	.00018	.00013	.00014	.00017	.00010	-.01372	-.00012	-.00188	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A080) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 330/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.001	.32813	.09066	.29465	.17051	-.00479	.08602	-.00111	.01157	.00000	.00000
4.000	-4.000	.32845	.09141	.29476	.17132	-.00303	.05812	-.00119	.00822	.00000	.00000
4.000	-3.011	.32799	.09178	.29422	.17156	-.00247	.04285	-.00019	.00598	.00000	.00000
4.000	-1.985	.32757	.09288	.29353	.17254	-.00082	.02744	.00077	.00372	.00000	.00000
4.000	-1.002	.32684	.09334	.29272	.17278	-.00015	.01488	.00074	.00200	.00000	.00000
4.000	.000	.32587	.09472	.29142	.17389	.00177	.00261	.00023	.00031	.00000	.00000
4.000	.984	.32697	.09400	.29267	.17346	.00050	-.00909	-.00029	-.00137	.00000	.00000
4.000	1.987	.32736	.09354	.29316	.17312	-.00017	-.02145	-.00047	-.00308	.00000	.00000
4.000	2.988	.32829	.09275	.29426	.17260	-.00164	-.03597	.00030	-.00509	.00000	.00000
4.000	4.011	.32846	.09256	.29447	.17246	-.00246	-.05216	.00147	-.00743	.00000	.00000
4.000	6.013	.32954	.09214	.29563	.17232	-.00389	-.08049	.00163	-.01110	.00000	.00000
4.000	GRADIENT	.00001	.00016	-.00003	.00016	.00011	-.01333	.00014	-.00188	.00000	.00000

RUN NO. 338/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.30609	.08357	.27494	.15838	-.00567	.07897	-.00063	.01091	.00000	.00000
4.500	-3.981	.30659	.08418	.27528	.15908	-.00390	.05228	-.00078	.00767	.00000	.00000
4.500	-3.011	.30657	.08428	.27523	.15918	-.00369	.03915	-.00034	.00578	.00000	.00000
4.500	-1.985	.30704	.08488	.27553	.15989	-.00310	.02472	.00051	.00362	.00000	.00000
4.500	-1.002	.30665	.08544	.27501	.16032	-.00220	.01176	.00105	.00159	.00000	.00000
4.500	-.019	.30642	.08589	.27468	.16070	-.00129	.00109	.00037	.00015	.00000	.00000
4.500	.984	.30612	.08572	.27444	.16045	-.00229	-.00869	-.00071	-.00106	.00000	.00000
4.500	1.968	.30654	.08543	.27491	.16027	-.00313	-.02088	-.00042	-.00230	.00000	.00000
4.500	2.970	.30746	.08534	.27583	.16042	-.00363	-.03437	.00032	-.00434	.00000	.00000
4.500	3.992	.30873	.08502	.27714	.16043	-.00441	-.04843	.00087	-.00702	.00000	.00000
4.500	6.013	.30841	.08501	.27684	.16032	-.00596	-.07402	.00089	-.01022	.00000	.00000
4.500	GRADIENT	.00016	.00013	.00017	.00017	-.00003	-.01231	.00008	-.00179	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDPRK = 87.200 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA
 RUN NO. 319/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-5.982	.62843	.10552	.55682	.30984	-.02943	.08964	.00609	.01251	.00000	.00000
2.500	-4.019	.62768	.11049	.55438	.31441	-.02296	.05392	.00628	.00724	.00000	.00000
2.500	-2.992	.62532	.11264	.55145	.31563	-.01934	.03949	.00583	.00529	.00000	.00000
2.500	-1.966	.62387	.11506	.54923	.31747	-.01571	.02459	.00444	.00309	.00000	.00000
2.500	-1.021	.62217	.11625	.54716	.31804	-.01356	.01316	.00266	.00164	.00000	.00000
2.500	.000	.62226	.11674	.54716	.31853	-.01269	.00264	.00073	.00010	.00000	.00000
2.500	1.004	.62300	.11610	.54806	.31818	-.01308	-.00893	-.00109	-.00169	.00000	.00000
2.500	1.987	.62380	.11501	.54920	.31738	-.01450	-.01995	-.00314	-.00313	.00000	.00000
2.500	2.988	.62453	.11284	.55064	.31554	-.01692	-.03232	-.00499	-.00465	.00000	.00000
2.500	3.992	.62700	.11028	.55383	.31394	-.02111	-.04782	-.00569	-.00702	.00000	.00000
2.500	5.995	.63100	.10629	.55901	.31139	-.02745	-.08136	-.00588	-.01176	.00000	.00000
	GRADIENT	-.00007	-.00001	-.00007	-.00004	.00030	-.01224	-.00156	-.00171	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.52766	.08867	.46711	.26096	-.01588	.08367	.00314	.01256	.00000	.00000
3.500	-4.000	.52820	.08901	.46750	.26146	-.01479	.05269	.00348	.00758	.00000	.00000
3.500	-3.011	.52842	.09037	.46723	.26285	-.01269	.03815	.00369	.00535	.00000	.00000
3.500	-1.985	.52682	.09297	.46483	.26480	-.00894	.02362	.00372	.00308	.00000	.00000
3.500	-1.021	.52547	.09379	.46329	.26511	-.00709	.01238	.00246	.00160	.00000	.00000
3.500	.000	.52602	.09382	.46379	.26532	-.00663	.00208	.00051	.00021	.00000	.00000
3.500	.984	.52563	.09373	.46346	.26510	-.00663	-.00799	-.00122	-.00119	.00000	.00000
3.500	1.987	.52609	.09322	.46407	.26476	-.00768	-.01815	-.00290	-.00253	.00000	.00000
3.500	2.970	.52826	.09089	.46692	.26326	-.01142	-.03131	-.00313	-.00455	.00000	.00000
3.500	4.030	.52995	.08913	.46911	.26215	-.01430	-.04650	-.00313	-.00689	.00000	.00000
3.500	6.013	.52913	.08914	.46835	.26186	-.01508	-.07678	-.00246	-.01177	.00000	.00000
	GRADIENT	.00009	.00004	.00007	.00006	.00014	-.01182	-.00106	-.00169	.00000	.00000

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

REFERENCE DATA

MACH = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 331/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-6.001	.49971	.08351	.44279	.24621	-.01496	.07835	.00401	.01172	.00000	.00000
4.000	-4.000	.48698	.08358	.44208	.24603	-.01357	.05139	.00303	.00756	.00000	.00000
4.000	-3.011	.49934	.08413	.44222	.24668	-.01249	.03775	.00322	.00579	.00000	.00000
4.000	-1.985	.49909	.08616	.44035	.24820	-.00943	.02351	.00331	.00347	.00000	.00000
4.000	-1.002	.49720	.08703	.43922	.24873	-.00784	.01222	.00227	.00174	.00000	.00000
4.000	.000	.49729	.08640	.43952	.24816	-.00795	.00242	.00044	.00027	.00000	.00000
4.000	.984	.49779	.08663	.43990	.24856	-.00799	-.00748	-.00124	-.00122	.00000	.00000
4.000	1.987	.49823	.08544	.44039	.24853	-.00866	-.01781	-.00273	-.00272	.00000	.00000
4.000	2.970	.49940	.08432	.44221	.24689	-.01178	-.03029	-.00313	-.00469	.00000	.00000
4.000	4.011	.49958	.08353	.44265	.24620	-.01364	-.04511	-.00292	-.00709	.00000	.00000
4.000	5.919	.50092	.08433	.44363	.24744	-.01423	-.07094	-.00336	-.01086	.00000	.00000
4.000	GRADIENT	.00006	.00001	.00005	.00003	.00005	-.01156	-.00097	-.00179	.00000	.00000

RUN NO. 339/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-6.001	.47455	.07817	.42047	.23347	-.01410	.07136	.00388	.01119	.00000	.00000
4.500	-3.981	.47530	.07745	.42142	.23305	-.01329	.04677	.00275	.00767	.00000	.00000
4.500	-3.011	.47520	.07751	.42131	.23307	-.01299	.03444	.00286	.00556	.00000	.00000
4.500	-1.985	.47429	.07904	.41993	.23422	-.01107	.02103	.00298	.00329	.00000	.00000
4.500	-1.021	.47403	.07972	.41945	.23477	-.01005	.01035	.00205	.00158	.00000	.00000
4.500	.000	.47369	.07902	.41938	.23398	-.01080	.00158	.00024	.00032	.00000	.00000
4.500	.984	.47393	.07949	.41945	.23451	-.01040	-.00712	-.00121	-.00104	.00000	.00000
4.500	1.930	.47502	.07944	.42048	.23484	-.01073	-.01620	-.00241	-.00247	.00000	.00000
4.500	2.988	.47526	.07810	.42117	.23363	-.01302	-.02861	-.00286	-.00419	.00000	.00000
4.500	4.011	.47500	.07772	.42200	.23353	-.01409	-.04173	-.00258	-.00678	.00000	.00000
4.500	5.013	.47653	.07874	.42215	.23467	-.01465	-.06572	-.00338	-.01044	.00000	.00000
4.500	GRADIENT	.00007	.00006	.00005	.00008	-.00005	-.01062	-.00068	-.00171	.00000	.00000

LA131 MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(17A082) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPDBRK = 87.200 BETA = .000

RUN NO. 313/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.234	.1366	.23027	.17445	.0930	-.00499	.00393	.00000	-.00226	.00000	.00000
2.500	-6.589	.1355	.23048	.17436	.0903	-.00410	.00331	.00000	-.00192	.00000	.00000
2.500	-4.925	.1318	.23069	.17402	.0899	-.00253	.00256	.00000	-.00146	.00000	.00000
2.500	-3.261	.13287	.23022	.17362	.0890	-.00134	.00184	.00000	-.00113	.00000	.00000
2.500	-1.817	.13290	.23053	.17371	.0884	-.00023	.00118	.00000	-.00070	.00000	.00000
2.500	-.930	.13305	.23020	.17378	.0898	.00041	.00081	.00000	-.00054	.00000	.00000
2.500	-.000	.13271	.23112	.17360	.0885	.00138	.00025	.00000	-.00015	.00000	.00000
2.500	.890	.13279	.23074	.17360	.0908	.00244	-.00030	.00000	.00030	.00000	.00000
2.500	1.688	.13278	.23126	.17369	.0891	.00295	-.00049	.00000	.00035	.00000	.00000
2.500	GRADIENT	.00009	-.00005	.00010	-.00004	.00000	.00085	-.00048	.00029	.00000	.00000

RUN NO. 327/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.254	.19577	.10978	.17454	.01087	-.00413	.00363	.00000	-.00173	.00000	.00000
3.500	-6.617	.19631	.10932	.17516	.01034	-.00289	.00300	.00000	-.00134	.00000	.00000
3.500	-4.929	.19606	.10880	.17500	.00995	-.00157	.00219	.00000	-.00086	.00000	.00000
3.500	-3.265	.19615	.10850	.17513	.00970	-.00055	.00147	.00000	-.00053	.00000	.00000
3.500	-1.817	.19627	.10836	.17528	.00975	.00070	.00087	.00000	-.00016	.00000	.00000
3.500	-.901	.19635	.10829	.17536	.00978	.00106	.00053	.00000	.00002	.00000	.00000
3.500	.023	.19639	.10820	.17542	.00968	.00192	.00007	.00000	-.00028	.00000	.00000
3.500	.883	.19621	.10824	.17523	.00977	.00277	-.00044	.00000	.00057	.00000	.00000
3.500	1.584	.19662	.10824	.17563	.00983	.00315	-.00063	.00000	.00066	.00000	.00000
3.500	GRADIENT	.00006	-.00008	.00008	-.00007	.00074	-.00044	-.00042	.00024	.00000	.00000

RUN NO. 335/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.248	.17204	.10267	.15262	.00740	-.00374	.00341	.00000	-.00160	.00000	.00000
4.000	-6.603	.17214	.10226	.15278	.00702	-.00247	.00272	.00000	-.00122	.00000	.00000
4.000	-4.925	.17229	.10195	.15298	.00674	-.00098	.00194	.00000	-.00076	.00000	.00000
4.000	-3.285	.17238	.10170	.15312	.00648	.00007	.00125	.00000	-.00043	.00000	.00000
4.000	-1.836	.17250	.10154	.15326	.00635	.00112	.00064	.00000	-.00006	.00000	.00000
4.000	-.848	.17299	.10155	.15374	.00639	.00187	.00028	.00000	.00011	.00000	.00000
4.000	-.006	.17189	.10157	.15266	.00652	.00227	-.00009	.00000	.00032	.00000	.00000
4.000	.879	.17239	.10157	.15315	.00663	.00323	-.00062	.00000	.00059	.00000	.00000
4.000	1.705	.17240	.10156	.15315	.00660	.00332	-.00080	.00000	.00065	.00000	.00000
4.000	GRADIENT	-.00000	-.00005	.00001	-.00005	.00068	-.00042	-.00042	.00022	.00000	.00000

DATE 25 JUN 80

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LA131.MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(17A082) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 343/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-8.251	.16243	.09508	.14424	.12091	.00380	-.00436	.00347	-.00157	.00000	.00000
4.500	-6.617	.16207	.09480	.14393	.12058	.00352	-.00309	.00285	-.00123	.00000	.00000
4.500	-4.929	.16264	.09451	.14454	.12038	.00324	-.00196	.00214	-.00086	.00000	.00000
4.500	-3.272	.16228	.09432	.14422	.12014	.00297	-.00097	.00147	-.00053	.00000	.00000
4.500	-1.817	.16239	.09422	.14434	.12006	.00297	.00018	.00090	-.00017	.00000	.00000
4.500	-.877	.16295	.09423	.14489	.12016	.00316	.00082	.00056	-.00000	.00000	.00000
4.500	.034	.16254	.09406	.14452	.11992	.00295	.00145	.00023	.00018	.00000	.00000
4.500	.667	.16215	.09416	.14412	.11995	.00312	.00193	-.00022	.00040	.00000	.00000
4.500	1.607	.16222	.09426	.14417	.12006	.00308	.00230	-.00046	.00053	.00000	.00000
4.500	GRADIENT	-.00004	-.00005	-.00003	-.00005	-.00001	.00068	-.00040	.00022	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

LA131.MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(17A083) (24 JUN 80)

RUN NO. 314/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-8.248	.43716	.12576	.39129	.23199	-.00117	-.00460	.00410	-.00216	.00000	.00000
2.500	-6.585	.43756	.12553	.39173	.23187	-.00151	-.00340	.00346	-.00183	.00000	.00000
2.500	-4.936	.43781	.12521	.39206	.23160	-.00161	-.00215	.00269	-.00145	.00000	.00000
2.500	-3.265	.43714	.12510	.39145	.23133	-.00170	-.00105	.00197	-.00102	.00000	.00000
2.500	-1.798	.43784	.12491	.39217	.23132	-.00177	.00015	.00128	-.00071	.00000	.00000
2.500	-.911	.43749	.12490	.39184	.23121	-.00171	.00070	.00099	-.00041	.00000	.00000
2.500	-.006	.43789	.12486	.39224	.23127	-.00189	.00160	.00039	-.00011	.00000	.00000
2.500	.897	.43791	.12492	.39226	.23129	-.00194	.00312	-.00015	.00023	.00000	.00000
2.500	1.665	.43659	.12492	.39099	.23095	-.00172	.00307	-.00039	.00042	.00000	.00000
2.500	GRADIENT	-.00006	-.00005	-.00004	-.00007	-.00003	.00084	-.00048	.00029	.00000	.00000

(17A083) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

RUN NO. 326/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	.35037	.10299	.31307	.18804	.00515	-.00336	.00342	-.00161	.00000	.00000
3.500	.35007	.10275	.31284	.18773	.00491	-.00232	.00283	-.00122	.00000	.00000
3.500	.34985	.10248	.31269	.18741	.00465	-.00098	.00212	-.00085	.00000	.00000
3.500	.35036	.10242	.31320	.18748	.00461	.00025	.00144	-.00049	.00000	.00000
3.500	.35024	.10238	.31309	.18741	.00459	.00120	.00088	-.00015	.00000	.00000
3.500	.35024	.10230	.31311	.18733	.00452	.00187	.00057	.00001	.00000	.00000
3.500	.35030	.10228	.31317	.18734	.00452	.00242	.00011	.00027	.00000	.00000
3.500	.35079	.10225	.31365	.18748	.00461	.00337	-.00042	.00054	.00000	.00000
3.500	.35035	.10225	.31322	.18733	.00456	.00375	-.00062	.00067	.00000	.00000
3.500	.00009	-.00004	.00009	-.00001	-.00001	.00073	-.00043	.00024	.00000	.00000

RUN NO. 334/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	.32345	.09561	.28889	.17408	.00237	-.00247	.00300	-.00132	.00000	.00000
4.000	.32391	.09536	.28940	.17395	.00214	-.00164	.00245	-.00101	.00000	.00000
4.000	.32360	.09528	.28912	.17379	.00201	-.00047	.00183	-.00067	.00000	.00000
4.000	.32331	.09511	.28888	.17356	.00198	.00036	.00128	-.00029	.00000	.00000
4.000	.32384	.09512	.28939	.17371	.00198	.00132	.00078	-.00005	.00000	.00000
4.000	.32427	.09503	.28983	.17373	.00183	.00173	.00052	.00012	.00000	.00000
4.000	.32395	.09503	.28952	.17365	.00187	.00237	.00020	.00033	.00000	.00000
4.000	.32366	.09496	.28925	.17351	.00177	.00311	.00025	.00057	.00000	.00000
4.000	.32367	.09503	.28924	.17359	.00185	.00354	-.00041	.00067	.00000	.00000
4.000	.00004	-.00004	.00005	-.00002	-.00003	.00062	-.00034	.00020	.00000	.00000

RUN NO. 342/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	.30881	.08576	.27669	.16227	.00155	-.00214	.00250	-.00107	.00000	.00000
4.500	.30843	.08577	.27633	.16217	.00164	-.00153	.00207	-.00082	.00000	.00000
4.500	.30905	.08669	.27695	.16225	.00162	-.00064	.00157	-.00053	.00000	.00000
4.500	.30867	.08670	.27658	.16216	.00145	.00011	.00114	-.00028	.00000	.00000
4.500	.30878	.08661	.27671	.16210	.00141	.00087	.00074	.00000	.00000	.00000
4.500	.30881	.08670	.27672	.16220	.00145	.00126	.00056	.00010	.00000	.00000
4.500	.30882	.08661	.27676	.16211	.00150	.00163	.00030	.00021	.00000	.00000
4.500	.30890	.08660	.27683	.16213	.00157	.00226	-.00002	.00042	.00000	.00000
4.500	.30892	.08659	.27685	.16212	.00160	.00251	-.00015	.00056	.00000	.00000
4.500	.00000	-.00002	.00000	-.00002	-.00000	.00049	-.00025	.00016	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(17A084) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPOBRK = 87.200 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.237	.62382	.11653	.54855	.31910	-.01314	-.00416	.00384	-.00205	.00000	.00000
2.500	-6.596	.62507	.11654	.54972	.31954	-.01319	-.00310	.00331	-.00178	.00000	.00000
2.500	-4.925	.62347	.11648	.54823	.31894	-.01292	-.00186	.00250	-.00132	.00000	.00000
2.500	-3.228	.62397	.11680	.54859	.31941	-.01268	-.00066	.00198	-.00089	.00000	.00000
2.500	-1.798	.62367	.11668	.54835	.31920	-.01267	.00030	.00129	-.00058	.00000	.00000
2.500	-.887	.62483	.11668	.54942	.31963	-.01251	.00118	.00102	-.00042	.00000	.00000
2.500	.023	.62455	.11671	.54916	.31954	-.01269	.00217	.00050	-.00013	.00000	.00000
2.500	.883	.62426	.11664	.54891	.31937	-.01261	.00275	-.00011	.00015	.00000	.00000
2.500	1.660	.62416	.11666	.54882	.31934	-.01279	.00325	-.00032	.00035	.00000	.00000
	GRADIENT	.00013	.00001	.00012	.00006	.00002	.00080	-.00044	.00025	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.265	.52601	.09394	.46372	.26549	-.00704	-.00149	.00266	-.00108	.00000	.00000
3.500	-6.697	.52610	.09388	.46381	.26547	-.00684	-.00084	.00223	-.00090	.00000	.00000
3.500	-4.929	.52606	.09398	.46374	.26555	-.00675	.00011	.00175	-.00053	.00000	.00000
3.500	-3.272	.52597	.09403	.46364	.26556	-.00655	.00076	.00127	-.00027	.00000	.00000
3.500	-1.776	.52593	.09407	.46358	.26559	-.00653	.00153	.00092	-.00002	.00000	.00000
3.500	-.853	.52619	.09404	.46384	.26565	-.00648	.00170	.00068	.00008	.00000	.00000
3.500	.017	.52547	.09397	.46319	.26532	-.00664	.00238	.00046	.00027	.00000	.00000
3.500	.883	.52581	.09387	.46354	.26536	-.00671	.00294	.00011	.00045	.00000	.00000
3.500	1.590	.52625	.09381	.46398	.26545	-.00665	.00301	-.00009	.00056	.00000	.00000
	GRADIENT	-.00001	-.00003	-.00000	-.00003	.00000	.00047	-.00028	.00017	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-9.251	.49679	.08666	.43894	.24829	-.00801	-.00041	.00211	-.00076	.00000	.00000
4.000	-6.596	.49734	.08667	.43945	.24848	-.00798	.00022	.00175	-.00051	.00000	.00000
4.000	-4.933	.49714	.08660	.43928	.24835	-.00798	.00083	.00130	-.00022	.00000	.00000
4.000	-3.272	.49639	.08662	.43857	.24810	-.00794	.00148	.00100	-.00006	.00000	.00000
4.000	-1.821	.49683	.08660	.43899	.24825	-.00800	.00200	.00070	.00015	.00000	.00000
4.000	-.901	.49639	.08660	.43858	.24809	-.00780	.00210	.00061	.00019	.00000	.00000
4.000	.028	.49727	.08651	.43943	.24832	-.00784	.00241	.00042	.00034	.00000	.00000
4.000	.890	.49740	.08637	.43960	.24823	-.00791	.00283	.00015	.00049	.00000	.00000
4.000	1.660	.49735	.08643	.43953	.24827	-.00803	.00304	.00006	.00054	.00000	.00000
	GRADIENT	.00005	-.00003	.00009	-.00000	.00000	.00033	-.00019	.00012	.00000	.00000

PARAMETRIC DATA

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AIRLON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 BETA = .000
 SCALE = .0200

RUN NO. 340/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-8.244	.47541	.07966	.42076	.23520	-.01062	.00015	.00151	-.00038	.00000	.00000
4.500	-6.627	.47541	.07955	.42079	.23511	-.01067	.00052	.00127	-.00023	.00000	.00000
4.500	-4.925	.47552	.07956	.42089	.23516	-.01061	.00102	.00095	-.00008	.00000	.00000
4.500	-3.275	.47548	.07955	.42086	.23513	-.01065	.00154	.00075	.00004	.00000	.00000
4.500	-1.795	.47559	.07946	.42099	.23509	-.01058	.00177	.00050	.00019	.00000	.00000
4.500	-.829	.47516	.07937	.42062	.23485	-.01074	.00203	.00039	.00027	.00000	.00000
4.500	.017	.47514	.07937	.42060	.23485	-.01064	.00214	.00026	.00032	.00000	.00000
4.500	.858	.47479	.07938	.42027	.23474	-.01057	.00279	.00002	.00048	.00000	.00000
4.500	1.602	.47480	.07939	.42028	.23474	-.01057	.00279	.00002	.00053	.00000	.00000
4.500	GRADIENT	-.00013	-.00003	-.00011	-.00007	-.00000	.00025	-.00015	.00009	.00000	.00000

PARAMETRIC DATA

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 25.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AIRLON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 BETA = .000
 SCALE = .0200

RUN NO. 316/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-8.254	.82869	.10412	.71022	.43948	-.03256	-.00261	.00341	-.00195	.00000	.00000
2.500	-6.606	.82835	.10405	.70932	.43932	-.03260	-.00172	.00282	-.00158	.00000	.00000
2.500	-4.936	.82918	.10386	.71077	.43946	-.03273	-.00070	.00211	-.00117	.00000	.00000
2.500	-3.269	.82868	.10381	.71032	.43923	-.03257	.00017	.00141	-.00074	.00000	.00000
2.500	-1.836	.82794	.10375	.70970	.43882	-.03274	.00103	.00108	-.00053	.00000	.00000
2.500	-.906	.82797	.10379	.70972	.43887	-.03273	.00173	.00074	-.00030	.00000	.00000
2.500	.003	.83001	.10380	.71154	.43977	-.03257	.00229	.00042	-.00013	.00000	.00000
2.500	.879	.82906	.10368	.71073	.43926	-.03256	.00307	.00007	.00014	.00000	.00000
2.500	1.665	.82867	.10372	.71038	.43911	-.03258	.00325	-.00022	.00026	.00000	.00000
2.500	GRADIENT	.00002	-.00002	.00003	-.00001	.00002	.00063	-.00034	.00021	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 25.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 325/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-8.262	.71954	.08707	.61767	.37922	-.01881	-.00008	.00217	-.00084	.00000	.00000
3.500	-6.620	.71984	.08697	.61797	.37928	-.01888	.00026	.00180	-.00063	.00000	.00000
3.500	-4.929	.71963	.08692	.61781	.37913	-.01896	.00104	.00147	-.00043	.00000	.00000
3.500	-3.228	.71995	.08688	.61811	.37923	-.01885	.00139	.00112	-.00026	.00000	.00000
3.500	-1.810	.72017	.08678	.61836	.37922	-.01909	.00166	.00088	-.00007	.00000	.00000
3.500	-.887	.71995	.08672	.61818	.37909	-.01902	.00226	.00079	.00002	.00000	.00000
3.500	-.006	.72001	.08667	.61824	.37908	-.01915	.00253	.00055	.00010	.00000	.00000
3.500	.865	.71975	.08666	.61802	.37895	-.01903	.00291	.00031	.00029	.00000	.00000
3.500	1.578	.71918	.08662	.61751	.37869	-.01897	.00308	.00016	.00041	.00000	.00000
	GRADIENT	-.00004	-.00005	-.00002	-.00006	-.00002	.00033	-.00020	.00013	.00000	.00000

RUN NO. 333/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.000	-8.251	.68934	.08081	.59322	.36029	-.01805	.00083	.00186	-.00055	.00000	.00000
4.000	-6.596	.69018	.08073	.59400	.36059	-.01800	.00113	.00156	-.00045	.00000	.00000
4.000	-4.925	.68865	.08066	.59265	.35987	-.01795	.00144	.00134	-.00032	.00000	.00000
4.000	-3.279	.68972	.08055	.59367	.36023	-.01791	.00172	.00101	-.00007	.00000	.00000
4.000	-1.791	.69031	.08049	.59422	.36042	-.01805	.00216	.00085	-.00001	.00000	.00000
4.000	-.882	.68991	.08049	.59386	.36025	-.01806	.00227	.00082	.00003	.00000	.00000
4.000	-.009	.68996	.08049	.59391	.36027	-.01796	.00261	.00079	.00011	.00000	.00000
4.000	.883	.68875	.08033	.59289	.35960	-.01823	.00281	.00064	.00023	.00000	.00000
4.000	1.671	.68881	.08035	.59294	.35964	-.01793	.00290	.00049	.00026	.00000	.00000
	GRADIENT	-.00002	-.00005	.00000	-.00005	-.00002	.00023	-.00011	.00008	.00000	.00000

RUN NO. 341/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
4.500	-8.254	.66200	.07481	.57061	.34386	-.02179	.00118	.00134	-.00011	.00000	.00000
4.500	-6.888	.66197	.07481	.57059	.34385	-.02168	.00143	.00121	-.00007	.00000	.00000
4.500	-4.929	.66249	.07470	.57110	.34397	-.02187	.00166	.00096	.00009	.00000	.00000
4.500	-3.265	.66157	.07461	.57030	.34350	-.02204	.00205	.00080	.00018	.00000	.00000
4.500	-1.798	.66258	.07461	.57121	.34394	-.02180	.00217	.00066	.00024	.00000	.00000
4.500	-.892	.66208	.07462	.57077	.34371	-.02182	.00229	.00057	.00031	.00000	.00000
4.500	.029	.66170	.07444	.57050	.34340	-.02186	.00241	.00048	.00036	.00000	.00000
4.500	.787	.66223	.07453	.57093	.34371	-.02175	.00252	.00035	.00042	.00000	.00000
4.500	1.507	.66225	.07434	.57104	.34352	-.02203	.00279	.00031	.0005	.00000	.00000
	GRADIENT	-.00001	-.00005	.00001	-.00005	.00000	.00015	-.00010	.00006	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = .000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 RUDDER = .000
 SCALE = .0200

RUN NO. 344/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.444	-12179	.15580	-11504	.16085	.03720	-.00072	.00013	-.00006	.00000	.00000
2.500	-1.436	-05996	.15172	-05880	.15217	.03172	-.00044	.00014	.00009	.00000	.00000
2.500	1.500	.00038	.14870	.00377	.14855	.02718	.00017	.00021	.00011	.00000	.00000
2.500	3.569	.06008	.14605	.05087	.14951	.02265	.00082	.00013	.00005	.00000	.00000
2.500	4.558	.08955	.14383	.07783	.15049	.02004	.00055	.00028	.00004	.00000	.00000
2.500	5.525	.11997	.14177	.10577	.15266	.01750	.00013	.00040	-.00013	.00000	.00000
2.500	7.652	.18897	.13698	.16905	.16093	.01357	.00104	.00044	-.00008	.00000	.00000
2.500	9.571	.25379	.13391	.22799	.17424	.00969	.00094	.00038	-.00010	.00000	.00000
2.500	11.598	.32385	.13097	.29091	.19341	.00537	.00100	.00039	.00006	.00000	.00000
2.500	12.611	.36183	.12932	.32486	.20520	.00295	.00167	.00040	-.00002	.00000	.00000
2.500	13.537	.39683	.12793	.35586	.21726	.00100	.00179	.00046	-.00003	.00000	.00000
2.500	14.526	.43337	.12643	.38780	.23108	.00121	.00192	.00048	-.00012	.00000	.00000
2.500	15.554	.47002	.12480	.41935	.24626	-.00300	.00165	.00052	-.00003	.00000	.00000
2.500	16.635	.51068	.12318	.45405	.26422	-.00558	.00170	.00061	-.00011	.00000	.00000
2.500	17.556	.54543	.12182	.48328	.28068	-.00732	.00181	.00064	-.00004	.00000	.00000
2.500	19.514	.61976	.11835	.54463	.31857	-.01179	.00217	.00063	.00007	.00000	.00000
2.500	23.560	.78437	.10823	.67572	.41273	-.02724	.00228	.00057	.00008	.00000	.00000
2.500	24.579	.82661	.10529	.70792	.43957	-.03187	.00218	.00066	.00005	.00000	.00000
2.500	27.647	.95980	.09707	.80517	.53136	-.04485	.00315	.00068	.00012	.00000	.00000
2.500	31.654	1.13320	.07746	.92397	.66063	-.05716	.00375	.00140	.00004	.00000	.00000
2.500	GRADIENT	.03014	-.00164	.02751	-.00137	-.00241	.00022	.00001	.00001	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 351 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-2.352	-.11364	.12922	-.10824	.13377	.01165	.00132	.00001	.00010	.00000	.00000
3.500	-.378	-.06777	.12439	-.06695	.12484	.01155	.00169	.00003	.00016	.00000	.00000
3.500	1.542	-.01996	.12119	-.02342	.12057	.01214	.00165	.00005	.00025	.00000	.00000
3.500	3.651	.02822	.11829	.02063	.11984	.01305	.00189	.00004	.00021	.00000	.00000
3.500	4.686	.05459	.11616	.04491	.12023	.01288	.00222	.00002	.00031	.00000	.00000
3.500	5.669	.08112	.11431	.06943	.12176	.01260	.00213	.00002	.00025	.00000	.00000
3.500	7.699	.13754	.11226	.12126	.12968	.01205	.00209	.00010	.00022	.00000	.00000
3.500	9.681	.19529	.10930	.17413	.14058	.01074	.00133	.00032	.00020	.00000	.00000
3.500	11.657	.25403	.10700	.22717	.15612	.00911	.00171	.00030	.00029	.00000	.00000
3.500	12.658	.28651	.10602	.25631	.16623	.00806	.00165	.00031	.00018	.00000	.00000
3.500	13.699	.31939	.10464	.28553	.17730	.00671	.00169	.00033	.00020	.00000	.00000
3.500	14.636	.34937	.10339	.31191	.18831	.00550	.00162	.00036	.00018	.00000	.00000
3.500	15.653	.38385	.10163	.34219	.20142	.00366	.00176	.00036	.00019	.00000	.00000
3.500	16.652	.41759	.10013	.37138	.21560	.00146	.00180	.00047	.00017	.00000	.00000
3.500	17.664	.45316	.09868	.40185	.23154	-.00095	.00151	.00048	.00013	.00000	.00000
3.500	19.674	.52522	.09532	.46247	.26658	-.00596	.00166	.00052	.00020	.00000	.00000
3.500	23.675	.68033	.08938	.58718	.35505	-.01612	.00211	.00060	.00017	.00000	.00000
3.500	24.665	.71953	.08830	.61703	.38052	-.01842	.00214	.00058	.00018	.00000	.00000
3.500	27.666	.84907	.08309	.71295	.46871	-.02653	.00212	.00085	.00009	.00000	.00000
3.500	31.738	1.03720	.07555	.84239	.60988	-.04209	.00322	.00075	.00021	.00000	.00000
3.500	GRADIENT	.02386	-.00178	.02172	-.00183	.00022	.00011	.00000	.00002	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 358/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.479	-.11446	.12224	-.10906	.12707	.00766	.00287	.00005	.00020	.00000	.00000
4.000	- .441	-.07089	.11668	-.06999	.11722	.00675	.00280	.00002	.00022	.00000	.00000
4.000	1.575	-.02643	.11297	-.02952	.11220	.00668	.00321	.00007	.00028	.00000	.00000
4.000	3.601	.01801	.11005	.01107	.11096	.00765	.00334	-.00006	.00033	.00000	.00000
4.000	4.567	.04146	.10849	.03269	.11145	.00807	.00336	-.00004	.00038	.00000	.00000
4.000	5.591	.06718	.10566	.05647	.11270	.00789	.00350	.00003	.00039	.00000	.00000
4.000	7.574	.11990	.10471	.10505	.11960	.00788	.00364	-.00004	.00038	.00000	.00000
4.000	9.604	.17624	.10256	.15666	.13053	.00696	.00322	.00006	.00042	.00000	.00000
4.000	11.622	.23345	.09976	.20857	.14474	.00576	.00308	.00023	.00045	.00000	.00000
4.000	12.608	.26257	.09886	.23466	.15379	.00495	.00299	.00019	.00045	.00000	.00000
4.000	13.582	.29294	.09788	.26176	.16394	.00384	.00316	.00029	.00045	.00000	.00000
4.000	14.593	.32521	.09492	.29042	.17529	.00242	.00309	.00040	.00041	.00000	.00000
4.000	15.562	.35714	.09492	.31859	.18725	.00086	.00302	.00046	.00044	.00000	.00000
4.000	16.578	.39178	.09302	.34895	.20093	-.00123	.00293	.00046	.00044	.00000	.00000
4.000	17.611	.42794	.09132	.38025	.21652	-.00329	.00297	.00054	.00043	.00000	.00000
4.000	19.569	.49825	.08827	.43991	.25005	-.00741	.00292	.00073	.00038	.00000	.00000
4.000	23.603	.65314	.08282	.56534	.33741	-.01543	.00294	.00086	.00030	.00000	.00000
4.000	24.590	.69302	.08201	.59605	.36295	-.01779	.00278	.00100	.00020	.00000	.00000
4.000	27.608	.82124	.07869	.69117	.45048	-.02543	.00269	.00105	.00015	.00000	.00000
4.000	31.635	1.00400	.07211	.81696	.58798	-.03928	.00399	.00084	.00034	.00000	.00000
4.000	GRADIENT	.02206	-.00190	.02006	-.00214	.00008	.00008	-.00002	.00003	.00000	.00000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A086) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 365/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.361	-.11359	.11757	-.10865	.12215	.00155	.00123	.00012	.00011	.00000	.00000
4.500	-.380	-.07290	.11163	-.07216	.11211	.00140	.00099	.00008	.00011	.00000	.00000
4.500	1.646	-.02932	.10658	-.03237	.10569	.00172	.00119	.00008	.00014	.00000	.00000
4.500	3.643	.01306	.10304	.00649	.10366	.00319	.00122	.00007	.00020	.00000	.00000
4.500	4.658	.03573	.10060	.02745	.10317	.00339	.00124	.00012	.00022	.00000	.00000
4.500	5.650	.05937	.09876	.04936	.10413	.00348	.00138	.00013	.00026	.00000	.00000
4.500	7.643	.10953	.09703	.09466	.11060	.00419	.00141	.00015	.00023	.00000	.00000
4.500	9.673	.16122	.09484	.14299	.12058	.00354	.00106	.00037	.00013	.00000	.00000
4.500	11.655	.21612	.09249	.19298	.13424	.00159	.00138	.00026	.00021	.00000	.00000
4.500	12.629	.24428	.09060	.21856	.14181	.00108	.00089	.00047	.00014	.00000	.00000
4.500	13.657	.27520	.08876	.24646	.15123	-.00004	.00094	.00057	.00010	.00000	.00000
4.500	14.646	.30580	.08755	.27373	.16203	-.00107	.00137	.00043	.00016	.00000	.00000
4.500	15.621	.33671	.08599	.30112	.17348	-.00274	.00126	.00040	.00015	.00000	.00000
4.500	16.646	.37044	.08436	.33075	.18695	-.00450	.00156	.00037	.00024	.00000	.00000
4.500	17.661	.40401	.08295	.35981	.20161	-.00639	.00157	.00033	.00028	.00000	.00000
4.500	19.630	.47215	.08056	.41765	.23450	-.01013	.00174	.00029	.00026	.00000	.00000
4.500	23.631	.62264	.07640	.53980	.31958	-.01896	.00198	.00045	.00030	.00000	.00000
4.500	24.678	.66435	.07589	.57199	.34634	-.02143	.00216	.00046	.00029	.00000	.00000
4.500	27.627	.78517	.07380	.66142	.42949	-.02856	.00189	.00059	.00028	.00000	.00000
4.500	31.665	.96425	.06835	.78482	.56436	-.04292	.00357	.00054	.00046	.00000	.00000
4.500	GRADIENT	.02128	-.00236	.01940	-.00263	.00030	.00001	-.00000	.00002	.00000	.00000

LAI131.MODEL 106-0. SILTS ON. SB CAVITY OPEN (17A087) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SO.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 345/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.26131	.13312	.23547	.17481	.00309	.10540	-.00506	.01103	.00000	.00000
2.500	-4.000	.25693	.13539	.23078	.17631	.00773	.06698	-.00210	.00657	.00000	.00000
2.500	-3.011	.25775	.13518	.23161	.17626	.00855	.05146	-.00165	.00493	.00000	.00000
2.500	-1.985	.25724	.13393	.23131	.17494	.00900	.03399	-.00094	.00319	.00000	.00000
2.500	-1.002	.25312	.13404	.22726	.17432	.00962	.01727	-.00319	.00168	.00000	.00000
2.500	.000	.25459	.13447	.22863	.17502	.00972	.00093	.00032	-.00014	.00000	.00000
2.500	.984	.25496	.13416	.22903	.17478	.00962	-.01420	.00083	-.00175	.00000	.00000
2.500	1.968	.25631	.13443	.23030	.17529	.00890	-.03081	.00162	-.00341	.00000	.00000
2.500	2.988	.25785	.13577	.23158	.17688	.00872	-.04783	.00231	-.00519	.00000	.00000
2.500	4.011	.25840	.13595	.23208	.17717	.00786	-.06422	.00280	-.00673	.00000	.00000
2.500	5.995	.26174	.13478	.23556	.17659	.00390	-.10019	.00527	-.01079	.00000	.00000
2.500	GRADIENT	.00010	.00009	.00008	.00011	.00001	-.01641	.00063	-.00167	.00000	.00000

RUN NO. 352/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.19752	.10778	.17662	.13941	.00410	.10059	-.00682	.01175	.00000	.00000
3.500	-4.019	.19504	.10910	.17397	.14029	.00726	.06457	-.00370	.00740	.00000	.00000
3.500	-3.011	.19465	.10926	.17354	.14038	.00835	.04845	-.00204	.00534	.00000	.00000
3.500	-1.985	.19478	.10970	.17359	.14085	.00976	.03239	-.00133	.00360	.00000	.00000
3.500	-1.002	.19529	.10985	.17406	.14109	.01047	.01819	-.00064	.00210	.00000	.00000
3.500	.000	.19501	.10979	.17379	.14099	.01061	.00306	.00011	.00040	.00000	.00000
3.500	.965	.19499	.11013	.17373	.14132	.01077	-.01238	.00079	-.00136	.00000	.00000
3.500	2.005	.19503	.11018	.17375	.14137	.01033	-.02648	.00149	-.00290	.00000	.00000
3.500	2.970	.19619	.11025	.17489	.14164	.00969	-.04113	.00208	-.00447	.00000	.00000
3.500	4.011	.19695	.10999	.17568	.14150	.00827	-.05840	.00370	-.00661	.00000	.00000
3.500	6.013	.19851	.10945	.17732	.14122	.00529	-.09429	.00704	-.01113	.00000	.00000
3.500	GRADIENT	.00021	.00013	.00018	.00016	.00016	-.01515	.00082	-.00170	.00000	.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A087) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 359/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-5.982	.17667	.10043	.15745	.12849	.00173	.09613	-.00634	.01126	.00000	.00000
4.000	-3.981	.17527	.10144	.15590	.12925	.00415	.06331	-.00386	.00748	.00000	.00000
4.000	-2.982	.17484	.10137	.15548	.12912	.00487	.04715	-.00230	.00536	.00000	.00000
4.000	-1.985	.17450	.10184	.15506	.12954	.00587	.03126	-.00106	.00346	.00000	.00000
4.000	-1.002	.17471	.10251	.15514	.13024	.00665	.01644	-.00050	.00164	.00000	.00000
4.000	.000	.17524	.10295	.15558	.13078	.00708	.00322	.00000	.00038	.00000	.00000
4.000	.965	.17491	.10309	.15523	.13087	.00599	-.01136	.00068	-.00127	.00000	.00000
4.000	1.987	.17532	.10289	.15666	.13074	.00625	-.02583	.00135	-.00288	.00000	.00000
4.000	2.951	.17567	.10275	.15604	.13066	.00545	-.04037	.00230	-.00458	.00000	.00000
4.000	4.030	.17675	.10280	.15708	.13088	.00485	-.05804	.00409	-.00663	.00000	.00000
4.000	6.013	.17767	.10213	.15810	.13040	.00261	-.08946	.00652	-.01064	.00000	.00000
4.000	GRADIENT	.00017	.00020	.00013	.00024	.00009	-.01489	.00086	-.00172	.00000	.00000

RUN NO. 366/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.16208	.09340	.14407	.11932	.00022	.08819	-.00498	.01035	.00000	.00000
4.500	-4.019	.16253	.09345	.14451	.11943	.00107	.05823	-.00350	.00710	.00000	.00000
4.500	-3.011	.16262	.09374	.14455	.11974	.00171	.04287	-.00213	.00515	.00000	.00000
4.500	-1.985	.16220	.09418	.14405	.12012	.00222	.02736	-.00075	.00319	.00000	.00000
4.500	-1.002	.16237	.09466	.14414	.12062	.00288	.01384	.00008	.00155	.00000	.00000
4.500	.000	.16216	.09494	.14387	.12087	.00342	.00217	.00039	.00024	.00000	.00000
4.500	.984	.16235	.09493	.14406	.12089	.00302	-.01092	.00042	-.00117	.00000	.00000
4.500	1.987	.16295	.09479	.14468	.12086	.00232	-.02408	.00097	-.00265	.00000	.00000
4.500	2.970	.16345	.09485	.14516	.12100	.00163	-.03839	.00214	-.00445	.00000	.00000
4.500	3.992	.16337	.09496	.14506	.12109	.00088	-.05498	.00365	-.00548	.00000	.00000
4.500	6.013	.16404	.09505	.14570	.12131	.00002	-.08463	.00545	-.00984	.00000	.00000
4.500	GRADIENT	.00012	.00018	.00009	.00020	-.00001	-.01376	.00075	-.00163	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILTRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 346/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILTRON
2.500	-6.001	.44090	.12139	.39617	.22844	-.01143	.10047	-.00148	.01290	.00000	.00000
2.500	-4.000	.43601	.12565	.39036	.23133	-.00548	.06081	.00150	.00748	.00000	.00000
2.500	-3.011	.43666	.12695	.39065	.23278	-.00336	.04687	.00108	.00567	.00000	.00000
2.500	-1.985	.43663	.12693	.39059	.23280	-.00251	.03201	.00059	.00377	.00000	.00000
2.500	-1.021	.43332	.12674	.38744	.23178	-.00131	.01684	.00055	.00211	.00000	.00000
2.500	.000	.43535	.12656	.38942	.23217	-.00130	.00168	.00044	.00007	.00000	.00000
2.500	.984	.43580	.12655	.38984	.23230	-.00124	-.01333	.00040	-.00206	.00000	.00000
2.500	1.987	.43755	.12708	.39139	.23326	-.00206	-.02835	.00029	-.00401	.00000	.00000
2.500	2.970	.43646	.12758	.39025	.23341	-.00263	-.04211	-.00013	-.00559	.00000	.00000
2.500	4.011	.43961	.12682	.39349	.23345	-.00437	-.05627	-.00100	-.00732	.00000	.00000
2.500	6.013	.44105	.12282	.39595	.22987	-.01012	-.09435	-.00178	-.01255	.00000	.00000
2.500	GRADIENT	.00030	.00011	.00026	.00020	.00013	-.01478	-.00024	-.00188	.00000	.00000

PARAMETRIC DATA

RUN NO. 353/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILTRON
3.500	-5.982	.35285	.09887	.31631	.18500	-.00322	.09312	-.00279	.01308	.00000	.00000
3.500	-4.000	.35358	.10011	.31669	.18640	-.00043	.06055	-.00153	.00862	.00000	.00000
3.500	-3.011	.35311	.10092	.31603	.18707	.00070	.04383	-.00013	.00600	.00000	.00000
3.500	-1.985	.35220	.10231	.31478	.18822	.00270	.02844	.00068	.00369	.00000	.00000
3.500	-1.002	.35198	.10266	.31447	.18851	.00357	.01654	.00053	.00211	.00000	.00000
3.500	.000	.35135	.10373	.31358	.18940	.00544	.00348	.00031	.00037	.00000	.00000
3.500	.984	.35228	.10341	.31458	.18931	.00456	-.01062	.00009	-.00149	.00000	.00000
3.500	1.968	.35297	.10236	.31551	.18847	.00295	-.02245	-.00020	-.00298	.00000	.00000
3.500	2.988	.35378	.10172	.31646	.18803	.00134	-.03790	.00026	-.00523	.00000	.00000
3.500	3.992	.35432	.10109	.31715	.18756	.00007	-.05479	.00201	-.00799	.00000	.00000
3.500	5.995	.35525	.10018	.31828	.18691	-.00237	-.08676	.00348	-.01254	.00000	.00000
3.500	GRADIENT	.00011	.00012	.00008	.00015	.00009	-.01396	.00022	-.00196	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 360/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-6.020	.32619	.09257	.29233	.17180	-.00459	.09683	-.00155	.01195	.00000	.00000
4.000	-4.000	.32615	.09356	.29204	.17276	-.00245	.09818	-.00150	.00837	.00000	.00000
4.000	-2.992	.32598	.09388	.29178	.17302	-.00202	.04391	-.00054	.00633	.00000	.00000
4.000	-1.985	.32538	.09486	.29095	.17383	-.00045	.02818	.00054	.00396	.00000	.00000
4.000	-1.002	.32447	.09545	.28992	.17417	.00060	.01428	.00068	.00195	.00000	.00000
4.000	.000	.32389	.09693	.28899	.17546	.00264	.00332	.00036	.00047	.00000	.00000
4.000	.984	.32417	.09623	.28944	.17485	.00127	-.01000	-.00021	-.00146	.00000	.00000
4.000	1.987	.32526	.09566	.29063	.17457	.00018	-.02257	-.00031	-.00322	.00000	.00000
4.000	2.970	.32629	.09493	.29183	.17412	-.00114	-.03707	.00061	-.00535	.00000	.00000
4.000	3.992	.32682	.09481	.29236	.17415	-.00193	-.03359	.00190	-.00780	.00000	.00000
4.000	6.013	.32744	.09414	.29314	.17365	-.00357	-.08202	.00217	-.01148	.00000	.00000
4.000	GRADIENT	.00005	.00018	.00001	.00018	.00011	-.01365	.00024	-.00197	.00000	.00000

RUN NO. 367/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.30658	.08541	.27501	.16018	-.00552	.08095	-.00094	.01129	.00000	.00000
4.500	-4.000	.30744	.08616	.27565	.16112	-.00360	.05310	-.00105	.00793	.00000	.00000
4.500	-2.992	.30698	.08629	.27517	.16113	-.00324	.03970	-.00054	.00598	.00000	.00000
4.500	-1.966	.30697	.08679	.27503	.16162	-.00292	.02594	.00031	.00388	.00000	.00000
4.500	-1.021	.30650	.08734	.27444	.16202	-.00213	.01216	.00094	.00169	.00000	.00000
4.500	-.019	.30583	.08773	.27370	.16223	-.00133	.00136	.00038	.00015	.00000	.00000
4.500	.965	.30542	.08764	.27333	.16203	-.00201	-.00907	-.00045	-.00122	.00000	.00000
4.500	1.968	.30681	.08734	.27475	.16210	-.00282	-.02139	-.00004	-.00313	.00000	.00000
4.500	2.988	.30720	.08725	.27515	.16211	-.00330	-.03502	.00077	-.00524	.00000	.00000
4.500	4.011	.30758	.08683	.27561	.16181	-.00423	-.04800	.00136	-.00716	.00000	.00000
4.500	6.013	.30813	.08672	.27619	.16182	-.00563	-.07483	.00142	-.01054	.00000	.00000
4.500	GRADIENT	-.00000	.00012	-.00003	.00011	-.00004	-.01244	.00019	-.00185	.00000	.00000

DATE 25 JUN 80

LAI131 (LARC UPWT 1299)

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A089) (24 JUN 80)

PARAMETRIC DATA

REFERENCE DATA

MACH = 2.500
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 3477 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.62856	.10750	.55624	.31183	-.02856	.08904	.00553	.01274	.00000	.00000
2.500	-4.000	.62755	.11211	.55368	.31595	-.02234	.05499	.00594	.00759	.00000	.00000
2.500	-3.011	.62438	.11470	.54982	.31735	-.01838	.03921	.00553	.00537	.00000	.00000
2.500	-1.985	.62475	.11675	.54949	.31945	-.01538	.02595	.00410	.00349	.00000	.00000
2.500	-1.002	.62449	.11788	.54883	.32042	-.01299	.01427	.00246	.00183	.00000	.00000
2.500	.000	.62218	.11829	.54650	.32005	-.01209	.00194	.00061	-.00001	.00000	.00000
2.500	.965	.62290	.11775	.54736	.31979	-.01210	-.00990	-.00102	-.00179	.00000	.00000
2.500	1.968	.62529	.11660	.54999	.31951	-.01377	-.02120	-.00300	-.00336	.00000	.00000
2.500	2.970	.62723	.11426	.53663	.31792	-.01657	-.03328	-.00471	-.00501	.00000	.00000
2.500	4.011	.62723	.11201	.55342	.31574	-.02010	-.04850	-.00525	-.00722	.00000	.00000
2.500	5.032	.63073	.10805	.55811	.31306	-.02654	-.08265	-.00525	-.01218	.00000	.00000
2.500	GRADIENT	.00011	-.00004	.00012	.00000	.00031	-.01253	-.00156	-.00180	.00000	.00000

RUN NO. 3547 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-5.982	.52876	.09044	.46740	.26326	-.01538	.08515	.00278	.01296	.00000	.00000
3.500	-3.981	.52954	.09072	.46804	.26378	-.01424	.05274	.00323	.00770	.00000	.00000
3.500	-3.011	.52912	.09187	.46723	.26477	-.01244	.03944	.00350	.00560	.00000	.00000
3.500	-1.985	.52686	.09443	.46423	.26644	-.00851	.02367	.00348	.00317	.00000	.00000
3.500	-1.002	.52619	.09546	.46325	.26719	-.00614	.01216	.00235	.00155	.00000	.00000
3.500	.019	.52588	.09531	.46300	.26696	-.00587	.00250	.00052	.00024	.00000	.00000
3.500	.984	.52660	.09539	.46366	.26725	-.00584	-.00839	-.00124	-.00131	.00000	.00000
3.500	1.968	.52694	.09512	.46407	.26712	-.00676	-.01759	-.00272	-.00253	.00000	.00000
3.500	2.970	.52942	.09252	.46732	.26546	-.01106	-.03229	-.00292	-.00487	.00000	.00000
3.500	4.030	.52979	.09065	.46831	.26380	-.01382	-.04775	-.00276	-.00722	.00000	.00000
3.500	6.013	.52987	.09076	.46835	.26390	-.01468	-.07687	-.00194	-.01207	.00000	.00000
3.500	GRADIENT	.00004	.00005	.00003	.00006	.00016	-.01203	-.00099	-.00176	.00000	.00000

LAI31.MODEL 105-0. SILTS ON. SB CAVITY OPEN

(17A089) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 361/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-5.963	.49817	.08619	.44045	.24822	-.01443	.07974	.00345	.01222	.00000	.00000
4.000	-4.000	.49891	.08599	.44120	.24830	-.01331	.05155	.00272	.00824	.00000	.00000
4.000	-3.711	.49831	.08654	.44045	.24862	-.01222	.03769	.00296	.00591	.00000	.00000
4.000	-1.966	.49747	.08855	.43896	.25026	-.00927	.02394	.00310	.00370	.00000	.00000
4.000	-1.002	.49590	.08947	.43718	.25060	-.00741	.01210	.00229	.00178	.00000	.00000
4.000	.000	.49719	.08898	.43855	.25059	-.00749	.02255	.00058	.00033	.00000	.00000
4.000	.965	.49646	.08915	.43780	.25050	-.00744	-.00781	-.00119	-.00127	.00000	.00000
4.000	1.968	.49760	.08878	.43900	.25053	-.00842	-.01813	-.00260	-.00282	.00000	.00000
4.000	2.970	.49873	.08674	.44077	.24897	-.01163	-.03107	-.00300	-.00489	.00000	.00000
4.000	4.011	.49976	.08593	.44200	.24856	-.01328	-.04450	-.00271	-.00699	.00000	.00000
4.000	6.013	.50016	.08676	.44210	.24947	-.01421	-.07351	-.00292	-.01141	.00000	.00000
4.000	GRADIENT	.00009	.00001	.00008	.00004	.00006	-.01161	-.00091	-.00183	.00000	.00000

RUN NO. 368/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.010	.47549	.07977	.42090	.23516	-.01265	-.02899	-.00251	-.00467	.00000	.00000
4.500	-5.982	.47548	.07980	.42084	.23524	-.01399	.07275	.00361	.01158	.00000	.00000
4.500	-3.981	.47613	.07927	.42163	.23497	-.01290	.04718	.00252	.00766	.00000	.00000
4.500	-3.011	.47563	.07935	.42114	.23487	-.01273	.03472	.00264	.00571	.00000	.00000
4.500	-1.985	.47567	.08078	.42069	.23624	-.01080	.02130	.00283	.00344	.00000	.00000
4.500	-1.021	.47396	.08159	.41881	.23641	-.00949	.01077	.00202	.00159	.00000	.00000
4.500	.000	.47428	.08081	.41939	.23578	-.01022	.00257	.00036	.00041	.00000	.00000
4.500	.965	.47467	.08114	.41964	.23620	-.00983	-.00739	-.00113	-.00113	.00000	.00000
4.500	1.968	.47492	.08104	.41992	.23619	-.01039	-.01701	.00221	-.00270	.00000	.00000
4.500	4.030	.47618	.07950	.42164	.23513	-.01356	-.04266	-.00218	-.00712	.00000	.00000
4.500	6.032	.47661	.08040	.42174	.23612	-.01450	-.06720	-.00290	-.01085	.00000	.00000
4.500	GRADIENT	-.00004	.00008	-.00006	.00006	.00004	-.01083	-.00076	-.00179	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BOFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.262	.25331	.13549	.22732	.17564	.01062	-.00634	.00447	-.00259	.00000	.00000
2.500	-6.613	.25411	.13506	.22817	.17536	.01022	-.00479	.00362	-.00220	.00000	.00000
2.500	-4.921	.25248	.13497	.22658	.17499	.01022	-.00335	.00275	-.00146	.00000	.00000
2.500	-3.261	.25258	.13466	.22674	.17469	.00997	-.00164	.00193	-.00107	.00000	.00000
2.500	-1.795	.25360	.13462	.22775	.17484	.00995	-.00039	.00116	-.00058	.00000	.00000
2.500	-.829	.25365	.13459	.22779	.17482	.00994	.00016	.00078	-.00034	.00000	.00000
2.500	.028	.25392	.13454	.22807	.17482	.00991	.00107	.00026	-.00005	.00000	.00000
2.500	.858	.25445	.13441	.22861	.17478	.00977	.00211	-.00042	-.00025	.00000	.00000
2.500	1.573	.25260	.13447	.22678	.17453	.00984	.00221	-.00065	.00049	.00000	.00000
	GRADIENT	.00018	-.00007	.00019	-.00004	-.00005	.00087	-.00053	.00030	.00000	.00000

RUN NO. 350/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.254	.19397	.11132	.17256	.14227	.01186	-.00366	.00393	-.00182	.00000	.00000
3.500	-6.634	.19411	.11090	.17276	.14188	.01130	-.00244	.00320	-.00143	.00000	.00000
3.500	-4.917	.19394	.11042	.17268	.14138	.01101	-.00092	.00236	-.00091	.00000	.00000
3.500	-3.217	.19442	.11012	.17321	.14116	.01084	.00041	.00160	-.00047	.00000	.00000
3.500	-1.772	.19450	.10994	.17332	.14100	.01078	.00154	.00090	-.00007	.00000	.00000
3.500	-.839	.19464	.10990	.17345	.14098	.01080	.00220	.00055	.00015	.00000	.00000
3.500	.023	.19434	.10983	.17317	.14086	.01080	.00286	.00013	.00035	.00000	.00000
3.500	.868	.19482	.10982	.17364	.14093	.01078	.00391	-.00045	.00069	.00000	.00000
3.500	1.631	.19494	.10978	.17378	.14092	.01083	.00429	-.00066	.00086	.00000	.00000
	GRADIENT	.00012	-.00009	.00014	-.00007	-.00002	.00080	-.00047	.00027	.00000	.00000

RUN NO. 355/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.234	.17198	.10467	.15210	.13190	.00790	-.00462	.00367	-.00183	.00000	.00000
4.000	-6.606	.17289	.10442	.15305	.13180	.00754	-.00300	.00297	-.00139	.00000	.00000
4.000	-4.921	.17306	.10395	.15329	.13136	.00724	-.00152	.00216	-.00090	.00000	.00000
4.000	-3.275	.17312	.10367	.15340	.13110	.00718	-.00048	.00141	-.00052	.00000	.00000
4.000	-1.798	.17292	.10355	.15322	.13094	.00703	.00091	.00075	-.00009	.00000	.00000
4.000	-.863	.17296	.10346	.15328	.13086	.00707	.00143	.00042	.00008	.00000	.00000
4.000	.037	.17346	.10338	.15308	.13087	.00709	.00217	-.00000	.00033	.00000	.00000
4.000	.868	.17355	.10331	.15389	.13081	.00698	.00290	-.00053	.00057	.00000	.00000
4.000	1.602	.17242	.10340	.15276	.13071	.00714	.00344	-.00075	.00074	.00000	.00000
	GRADIENT	-.00001	-.00009	.00001	-.00009	-.00002	.00077	-.00045	.00025	.00000	.00000

RUN NO. 362/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A090) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 369/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-8.240	.16118	.09613	.14282	.12175	.00426	-.00378	.00368	-.00164	.00000	.00000
4.500	-6.610	.16082	.09575	.14253	.12132	.00385	-.00279	.00301	-.00127	.00000	.00000
4.500	-4.914	.16092	.09554	.14266	.12112	.00369	-.00139	.00228	-.00085	.00000	.00000
4.500	-3.275	.16105	.09536	.14282	.12097	.00355	-.00039	.00164	-.00049	.00000	.00000
4.500	-1.780	.16071	.09527	.14250	.12082	.00353	.00088	.00097	-.00011	.00000	.00000
4.500	-.306	.16125	.09518	.14305	.12082	.00347	.00125	.00069	.00003	.00000	.00000
4.500	.051	.16133	.09527	.14311	.12093	.00353	.00202	.00032	.00026	.00000	.00000
4.500	.805	.16095	.09518	.14275	.12078	.00341	.00276	.00022	.00053	.00000	.00000
4.500	1.602	.16146	.09517	.14326	.12086	.00350	.00228	-.00043	.00065	.00000	.00000
4.500	GRADIENT	.00006	-.00005	.00007	-.00004	-.00003	.00072	-.00042	.00023	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 349/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

(17A091) (24 JUN 80)

RUN NO. 349/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.258	.43593	.12761	.38979	.23320	-.00023	-.00564	.00457	-.00262	.00000	.00000
2.500	-6.613	.43466	.12728	.38865	.23255	-.00036	-.00425	.00382	-.00205	.00000	.00000
2.500	-4.959	.43413	.12704	.38821	.23218	-.00043	-.00319	.00290	-.00149	.00000	.00000
2.500	-3.290	.43639	.12675	.39045	.23249	-.00101	-.00125	.00206	-.00113	.00000	.00000
2.500	-1.798	.43561	.12671	.38972	.23223	-.00105	.00006	.00127	-.00063	.00000	.00000
2.500	-.853	.43552	.12666	.38954	.23216	-.00112	.00092	.00092	-.00040	.00000	.00000
2.500	.031	.43512	.12662	.38929	.23199	-.00103	.00128	.00035	-.00005	.00000	.00000
2.500	.858	.43489	.12676	.38903	.23206	-.00116	.00239	.00029	-.00029	.00000	.00000
2.500	1.578	.43471	.12672	.38887	.23197	-.00107	.00312	-.00052	.00044	.00000	.00000
2.500	GRADIENT	-.00002	-.00004	-.00000	-.00005	-.00008	.00093	-.00053	.00031	.00000	.00000

ORIGINAL PAGE IS OF POOR QUALITY

(17A091) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

RUN NO. 356/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.254	.35131	.10469	.31330	.19031	.00604	-.00327	.00392	-.00180	.00000	.00000
3.500	-6.630	.35094	.10443	.31301	.18986	.00589	-.00203	.00326	-.00138	.00000	.00000
3.500	-4.914	.35155	.10410	.31368	.18981	.00522	-.00071	.00247	-.00095	.00000	.00000
3.500	-3.269	.35142	.10392	.31361	.18959	.00545	.00071	.00170	-.00052	.00000	.00000
3.500	-1.776	.35047	.10367	.31275	.18911	.00539	.00185	.00105	-.00011	.00000	.00000
3.500	-.853	.35143	.10372	.31367	.18940	.00543	.00262	.00073	.00009	.00000	.00000
3.500	-.520	.35153	.10367	.31378	.18937	.00548	.00279	.00051	.00021	.00000	.00000
3.500	.028	.35089	.10354	.31320	.18908	.00542	.00296	.00030	.00033	.00000	.00000
3.500	.865	.35137	.10346	.31368	.18913	.00540	.00411	-.00027	.00070	.00000	.00000
3.500	1.590	.35097	.10345	.31330	.18900	.00535	.00439	-.00046	.00080	.00000	.00000
GRADIENT		-.00005	-.00010	-.00002	-.00012	-.00002	.00079	-.00045	.00027	.00000	.00000

RUN NO. 363/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.240	.32325	.09781	.28809	.17624	.00269	-.00334	.00335	-.00155	.00000	.00000
4.000	-6.613	.32339	.09766	.28826	.17613	.00266	-.00228	.00275	-.00119	.00000	.00000
4.000	-4.921	.32278	.09744	.28773	.17576	.00251	-.00124	.00208	-.00081	.00000	.00000
4.000	-3.279	.32367	.09735	.28861	.17590	.00239	-.00000	.00153	-.00044	.00000	.00000
4.000	-1.802	.32381	.09720	.28879	.17579	.00247	.00087	.00089	-.00013	.00000	.00000
4.000	-.882	.32304	.09719	.28804	.17558	.00251	.00152	.00034	.00009	.00000	.00000
4.000	.003	.32315	.09712	.28817	.17554	.00243	.00204	.00027	.00030	.00000	.00000
4.000	.868	.32323	.09704	.28827	.17548	.00233	.00299	-.00020	.00061	.00000	.00000
4.000	1.602	.32369	.09696	.28873	.17552	.00240	.00308	-.00036	.00071	.00000	.00000
GRADIENT		.00005	-.00007	.00006	-.00006	-.00001	.00068	-.00038	.00024	.00000	.00000

RUN NO. 370/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-8.244	.30904	.08803	.27657	.16360	.00126	-.00222	.00288	-.00122	.00000	.00000
4.500	-6.617	.30867	.08784	.27626	.16333	.00125	-.00119	.00241	-.00091	.00000	.00000
4.500	-4.886	.30834	.08776	.27596	.16316	.00123	-.00045	.00191	-.00060	.00000	.00000
4.500	-3.275	.30844	.08775	.27606	.16319	.00120	.00044	.00148	-.00029	.00000	.00000
4.500	-1.761	.30851	.08765	.27615	.16310	.00131	.00118	.00098	-.00001	.00000	.00000
4.500	-.839	.30861	.08766	.27625	.16314	.00135	.00156	.00079	.00014	.00000	.00000
4.500	.039	.30866	.08757	.27631	.16306	.00129	.00207	.00049	.00029	.00000	.00000
4.500	.865	.30825	.08747	.27595	.16287	.00124	.00256	-.00012	.00049	.00000	.00000
4.500	1.602	.30779	.08737	.27552	.16265	.00140	.00281	-.00000	.00059	.00000	.00000
GRADIENT		-.00005	-.00006	-.00003	-.00007	-.00002	.00051	-.00030	.00018	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .0000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-8.262	.62369	.11817	.54797	.32044	-.01248	-.00489	.00437	-.00242	.00000	.00000
2.500	-6.623	.62328	.11828	.54755	.32040	-.01234	-.00379	.00359	-.00204	.00000	.00000
2.500	-4.929	.62362	.11830	.54784	.32056	-.01217	-.00258	.00274	-.00150	.00000	.00000
2.500	-3.231	.62372	.11840	.54791	.32069	-.01211	-.00102	.00203	-.00105	.00000	.00000
2.500	-1.802	.62330	.11834	.54754	.32050	-.01212	.00016	.00131	-.00065	.00000	.00000
2.500	-.853	.62340	.11833	.54763	.32052	-.01206	.00062	.00093	-.00031	.00000	.00000
2.500	.034	.62253	.11832	.54685	.32015	-.01173	.00155	.00060	-.00002	.00000	.00000
2.500	.858	.62352	.11827	.54776	.32050	-.01213	.00267	-.00010	.00025	.00000	.00000
2.500	1.596	.62323	.11829	.54748	.32043	-.01193	.00308	-.00033	.00048	.00000	.00000
	GRADIENT	-.00008	-.00001	-.00008	-.00004	.00004	.00087	-.00048	.00031	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-8.262	.52488	.09573	.46202	.26683	-.00617	-.00150	.00318	-.00129	.00000	.00000
3.500	-6.623	.52503	.09574	.46216	.26689	-.00599	-.00066	.00266	-.00099	.00000	.00000
3.500	-4.914	.52498	.09563	.46214	.26678	-.00603	.00038	.00205	-.00063	.00000	.00000
3.500	-3.239	.52435	.09564	.46156	.26656	-.00595	.00132	.00153	-.00030	.00000	.00000
3.500	-1.758	.52541	.09561	.46257	.26688	-.00585	.00218	.00111	.00000	.00000	.00000
3.500	-.828	.52497	.09559	.46217	.26671	-.00591	.00245	.00086	.00015	.00000	.00000
3.500	.020	.52445	.09548	.46172	.26642	-.00589	.00291	.00055	.00035	.00000	.00000
3.500	.865	.52486	.09541	.46214	.26649	-.00595	.00379	.00023	.00056	.00000	.00000
3.500	1.613	.52479	.09540	.46208	.26644	-.00587	.00387	.00012	.00064	.00000	.00000
	GRADIENT	-.00001	-.00004	.00001	-.00005	.00002	.00055	-.00030	.00020	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-8.244	.49591	.08909	.43734	.25021	-.00784	-.00140	.00241	-.00100	.00000	.00000
4.000	-6.617	.49601	.08909	.43743	.25024	-.00771	-.00066	.00202	-.00073	.00000	.00000
4.000	-4.925	.49625	.08911	.43765	.25035	-.00770	.00019	.00158	-.00041	.00000	.00000
4.000	-3.295	.49583	.08901	.43728	.25012	-.00757	.00082	.00122	-.00017	.00000	.00000
4.000	-1.772	.49587	.08900	.43732	.25012	-.00765	.00145	.00086	.00008	.00000	.00000
4.000	-.848	.49567	.08896	.43715	.25001	-.00758	.00189	.00074	.00018	.00000	.00000
4.000	.045	.49561	.08894	.43710	.24997	-.00763	.00207	.00044	.00030	.00000	.00000
4.000	.865	.49552	.08878	.43801	.25012	-.00769	.00249	.00021	.00050	.00000	.00000
4.000	1.502	.49556	.08870	.43723	.24975	-.00772	.00282	.00010	.00053	.00000	.00000
	GRADIENT	-.00003	-.00006	-.00001	-.00007	-.00001	.00040	-.00023	.00015	.00000	.00000

DATE 25 JUN 80 LA131 (LARC UPWT 1299) (17A092) (24 JUN 80)

LA131 MODEL 106-0, SILTS ON, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 87.200 BETA = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 371/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.617	.47662	.08110	.42138	.23702	-.01029	.00059	.00163	-.00040	.00000	.00000
4.500	-4.917	.47671	.08100	.42150	.23696	-.01037	.00108	.00128	-.00017	.00000	.00000
4.500	-3.254	.47636	.08082	.42123	.23668	-.01019	.00157	.00098	.00005	.00000	.00000
4.500	-1.784	.47598	.08083	.42087	.23656	-.01038	.00208	.00074	.00020	.00000	.00000
4.500	-.872	.47643	.08082	.42130	.23670	-.01027	.00234	.00061	.00028	.00000	.00000
4.500	.039	.47649	.08073	.42139	.23664	-.01031	.00259	.00044	.00037	.00000	.00000
4.500	.868	.47601	.08072	.42093	.23647	-.01023	.00297	.00025	.00050	.00000	.00000
4.500	1.590	.47612	.08074	.42104	.23651	-.01012	.00309	.00018	.00062	.00000	.00000
GRADIENT		-.00007	-.00004	-.00005	-.00006	.00002	.00032	-.00017	.00012	.00000	.00000

LA131,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(17A093) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDPRK = 70.000 RUDDER = .000

RUN NO. 372/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.460	-1.1393	.14369	-1.10766	.14844	.02092	.00122	.00008	.00017	.00000	.00000
2.500	-4.44	-.05306	.14006	-.05198	.14047	.01616	.00072	.00000	.00019	.00000	.00000
2.500	1.584	.00894	.13735	.00514	.13754	.01210	.00091	.00025	-.00003	.00000	.00000
2.500	3.569	.06747	.13474	.05895	.13668	.00804	.00117	.00027	.00005	.00000	.00000
2.500	4.584	.09849	.13245	.08759	.13989	.00562	.00172	.00025	.00010	.00000	.00000
2.500	5.610	.12980	.12995	.11648	.14202	.00330	.00115	.00040	.00001	.00000	.00000
2.500	7.530	.19264	.12673	.17437	.15088	.00010	.00197	.00035	-.00009	.00000	.00000
2.500	9.653	.26458	.12347	.24013	.16609	-.00365	.00210	.00037	-.00011	.00000	.00000
2.500	11.546	.33177	.12094	.30085	.18490	-.00756	.00197	.00038	-.00000	.00000	.00000
2.500	12.545	.36845	.11954	.33368	.19672	-.00962	.00261	.00045	.00002	.00000	.00000
2.500	13.524	.40173	.11816	.36296	.20883	-.01158	.00232	.00050	.00011	.00000	.00000
2.500	14.523	.43929	.11664	.39601	.22307	-.01390	.00242	.00054	.00006	.00000	.00000
2.500	15.556	.47973	.11493	.43133	.23938	-.01593	.00254	.00067	.00002	.00000	.00000
2.500	16.548	.51617	.11346	.46248	.25578	-.01802	.00243	.00070	.00002	.00000	.00000
2.500	17.559	.55210	.11190	.49262	.27324	-.02006	.00223	.00069	.00005	.00000	.00000
2.500	19.566	.62854	.10882	.55580	.31304	-.02408	.00241	.00075	.00002	.00000	.00000
2.500	23.589	.79101	.10152	.68428	.40957	-.03638	.00326	.00073	.00021	.00000	.00000
2.500	24.541	.83103	.09971	.71454	.43587	-.04004	.00347	.00074	.00013	.00000	.00000
2.500	27.556	.96107	.09259	.80921	.52670	-.05237	.00372	.00085	.00009	.00000	.00000
2.500	31.554	1.13410	.07829	.92548	.66021	-.06298	.00501	.00176	.00001	.00000	.00000
2.500	GRADIENT	.03013	-.00153	.02770	-.00111	-.00214	.00007	.00003	-.00002	.00000	.00000

LA131,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 379/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.371	-.10330	.11986	-.09825	.12403	.00016	.00284	-.00008	.00028	.00000	.00000
3.500	-.332	-.05686	.11518	-.05619	.11551	.00048	.00270	.00005	.00022	.00000	.00000
3.500	1.598	-.00919	.11231	-.01252	.11199	.00114	.00277	.00006	.00025	.00000	.00000
3.500	3.652	.03877	.10913	.03174	.11138	.00173	.00301	.00006	.00032	.00000	.00000
3.500	4.672	.06439	.10706	.05545	.11194	.00145	.00323	.00002	.00034	.00000	.00000
3.500	5.659	.09087	.10508	.08006	.11353	.00109	.00313	.00002	.00030	.00000	.00000
3.500	7.640	.14591	.10256	.13098	.12105	.00046	.00267	.00012	.00026	.00000	.00000
3.500	9.626	.20348	.09974	.18393	.13236	-.00046	.00201	.00034	.00015	.00000	.00000
3.500	11.663	.26465	.09824	.23933	.14972	-.00193	.00232	.00031	.00024	.00000	.00000
3.500	12.627	.29489	.09729	.26649	.15940	-.00275	.00233	.00030	.00022	.00000	.00000
3.500	13.643	.32776	.09631	.29579	.17091	-.00359	.00235	.00038	.00021	.00000	.00000
3.500	14.678	.36104	.09508	.32516	.18346	-.00495	.00235	.00039	.00024	.00000	.00000
3.500	15.647	.39298	.09356	.35319	.19609	-.00664	.00205	.00034	.00020	.00000	.00000
3.500	16.614	.42577	.09267	.38150	.21054	-.00799	.00252	.00044	.00020	.00000	.00000
3.500	17.635	.46048	.09138	.41116	.22659	-.00996	.00235	.00045	.00016	.00000	.00000
3.500	19.644	.53271	.08887	.47183	.26278	-.01401	.00243	.00045	.00016	.00000	.00000
3.500	23.668	.68610	.08445	.59448	.35278	-.02198	.00270	.00049	.00028	.00000	.00000
3.500	24.648	.72648	.08405	.62524	.37936	-.02353	.00310	.00059	.00026	.00000	.00000
3.500	27.700	.85675	.08077	.72101	.46977	-.03013	.00299	.00072	.00020	.00000	.00000
3.500	31.649	1.03860	.07381	.84542	.60779	-.04339	.00410	.00091	.00022	.00000	.00000
3.500	GRADIENT	.02382	-.00175	.02184	-.00163	.00022	.00006	.00001	.00001	.00000	.00000

LAI31,MODEL 106-0, S-CN, CV-OPN (2-LWR SSME ON)

(17A093) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 386/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-2.466	-.10415	.11377	-.09916	.11814	-.00284	.00214	.00007	.00028	.00000	.00000
4.000	-.468	-.06157	.10986	-.06068	.10935	-.00326	.00231	.00005	.00030	.00000	.00000
4.000	1.504	-.01690	.10518	-.01984	.10467	-.00313	.00225	.00004	.00028	.00000	.00000
4.000	3.570	.02633	.10203	.01992	.10347	-.00231	.00239	-.00003	.00028	.00000	.00000
4.000	4.601	.05135	.10035	.04314	.10414	-.00188	.00274	-.00008	.00030	.00000	.00000
4.000	5.543	.07477	.09844	.06491	.10520	-.00244	.00242	-.00005	.00026	.00000	.00000
4.000	7.603	.13075	.09624	.11687	.11269	-.00239	.00269	-.00002	.00027	.00000	.00000
4.000	9.545	.18455	.09433	.16635	.12363	-.00324	.00273	.00010	.00028	.00000	.00000
4.000	11.611	.24206	.09166	.21866	.13850	-.00403	.00205	.00022	.00025	.00000	.00000
4.000	12.608	.27288	.09105	.24643	.14842	-.00472	.00263	.00022	.00035	.00000	.00000
4.000	13.564	.30120	.09006	.27168	.15819	-.00577	.00205	.00019	.00028	.00000	.00000
4.000	14.552	.33272	.08907	.29967	.16981	-.00667	.00241	.00025	.00031	.00000	.00000
4.000	15.578	.36662	.08772	.32960	.18296	-.00821	.00241	.00027	.00035	.00000	.00000
4.000	16.522	.39922	.08662	.35810	.19657	-.00923	.00266	.00030	.00037	.00000	.00000
4.000	17.559	.43366	.08538	.38770	.21223	-.01085	.00247	.00032	.00036	.00000	.00000
4.000	19.626	.50805	.08299	.45066	.24881	-.01392	.00245	.00036	.00032	.00000	.00000
4.000	23.568	.65856	.07907	.57201	.33579	-.01966	.00300	.00052	.00024	.00000	.00000
4.000	24.601	.70097	.07869	.60459	.36336	-.02142	.00296	.00054	.00024	.00000	.00000
4.000	27.597	.82832	.07651	.69864	.45152	-.02763	.00283	.00076	.00019	.00000	.00000
4.000	31.554	1.00660	.07019	.82103	.58655	-.04072	.00434	.00072	.00037	.00000	.00000
4.000	GRADIENT	.02191	-.00186	.02005	-.00193	.00015	.00007	-.00002	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 393/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.403	-1.10388	.10943	-.09920	.11359	-.00700	.00230	.00004	.00024	.00000	.00000
4.500	-.338	-.06136	.10391	-.06074	.10427	-.00661	.00220	.00001	.00025	.00000	.00000
4.500	1.513	-.02086	.09918	-.02364	.09855	-.00600	.00211	-.00004	.00022	.00000	.00000
4.500	3.699	.02425	.09535	.01805	.09672	-.00463	.00271	.00003	.00030	.00000	.00000
4.500	4.631	.04368	.09309	.03603	.09631	-.00475	.00217	.00001	.00028	.00000	.00000
4.500	5.586	.06744	.09123	.05824	.09737	-.00454	.00246	.00006	.00032	.00000	.00000
4.500	7.610	.11714	.08902	.10432	.10375	-.00500	.00221	.00005	.00023	.00000	.00000
4.500	9.645	.17154	.08727	.15449	.11477	-.00497	.00200	.00034	.00017	.00000	.00000
4.500	11.627	.22554	.08530	.20372	.12900	-.00655	.00197	.00027	.00021	.00000	.00000
4.500	12.634	.25325	.08332	.22889	.13670	-.00683	.00143	.00043	.00014	.00000	.00000
4.500	13.607	.28341	.08259	.25602	.14695	-.00706	.00199	.00046	.00020	.00000	.00000
4.500	14.601	.31449	.08172	.28373	.15836	-.00757	.00225	.00037	.00028	.00000	.00000
4.500	15.613	.34650	.08073	.31199	.17101	-.00857	.00251	.00035	.00034	.00000	.00000
4.500	16.583	.37656	.07943	.33823	.18359	-.00987	.00208	.00026	.00034	.00000	.00000
4.500	17.677	.41232	.07841	.36905	.19991	-.01130	.00226	.00022	.00033	.00000	.00000
4.500	19.639	.48017	.07675	.42644	.23367	-.01399	.00260	.00021	.00030	.00000	.00000
4.500	23.606	.62880	.07337	.54680	.31903	-.02162	.00266	.00045	.00033	.00000	.00000
4.500	24.614	.66885	.07342	.57750	.34532	-.02317	.00314	.00046	.00039	.00000	.00000
4.500	27.678	.79496	.07193	.67059	.43296	-.02984	.00295	.00064	.00043	.00000	.00000
4.500	31.619	.96810	.06646	.78955	.56413	-.04463	.00339	.00015	.00055	.00000	.00000
4.500	GRADIENT	.02103	-.00228	.01928	-.00240	.00036	.00002	-.00000	.00001	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 373/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.020	.26878	.12311	.24448	.16621	-.00979	.10476	-.00411	.01057	.00000	.00000
2.500	-4.000	.26553	.12494	.24097	.16747	-.00556	.06570	-.00137	.00601	.00000	.00000
2.500	-2.992	.26288	.12482	.23839	.16690	-.00475	.04967	-.00113	.00460	.00000	.00000
2.500	-1.985	.26499	.12365	.24064	.16613	-.00404	.03426	-.00061	.00311	.00000	.00000
2.500	-1.002	.26306	.12368	.23874	.16582	-.00361	.01697	.00007	.00142	.00000	.00000
2.500	.000	.26277	.12403	.23839	.16614	-.00337	.00117	.00028	-.00023	.00000	.00000
2.500	.984	.26317	.12409	.23876	.16628	-.00365	-.01395	.00060	-.00159	.00000	.00000
2.500	1.987	.26513	.12421	.24067	.16674	-.00433	-.03031	.00122	-.00325	.00000	.00000
2.500	2.988	.26541	.12512	.24078	.16770	-.00474	-.04579	.00166	-.00479	.00000	.00000
2.500	4.030	.26606	.12533	.24138	.16803	-.00556	-.06281	.00194	-.00629	.00000	.00000
2.500	6.013	.26941	.12458	.24479	.16787	-.00882	-.09912	.00422	-.01023	.00000	.00000
2.500	GRADIENT	.00017	.00007	.00015	.00011	-.00001	-.01606	.00043	-.00155	.00000	.00000

RUN NO. 380/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.20670	.09967	.18703	.13296	-.00582	.09761	-.03527	.01078	.00000	.00000
3.500	-4.019	.20517	.10044	.18540	.13347	-.00324	.06313	-.00256	.00673	.00000	.00000
3.500	-3.011	.20421	.10053	.18443	.13339	-.00220	.04680	-.00109	.00472	.00000	.00000
3.500	-1.985	.20516	.10081	.18531	.13384	-.00114	.03177	-.00075	.00320	.00000	.00000
3.500	-1.002	.20541	.10075	.18556	.13383	-.00059	.01718	-.00025	.00172	.00000	.00000
3.500	.000	.20512	.10069	.18529	.13372	-.00050	.00261	.00021	.00024	.00000	.00000
3.500	.984	.20420	.10081	.18436	.13367	-.00054	-.01143	.00050	-.00129	.00000	.00000
3.500	1.987	.20503	.10088	.18518	.13388	-.00101	-.03629	.00103	-.00281	.00000	.00000
3.500	2.988	.20506	.10113	.18516	.13413	-.00134	-.04050	.00135	-.00418	.00000	.00000
3.500	4.011	.20610	.10117	.18617	.13435	-.00257	-.05767	.00276	-.00628	.00000	.00000
3.500	6.013	.20792	.10102	.18798	.13452	-.00470	-.09097	.00556	-.01029	.00000	.00000
3.500	GRADIENT	.00008	.00008	.00006	.00009	.00009	-.01482	.00055	-.00156	.00000	.00000

LA131,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(17A094) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 387/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CEB	ELEVON	AILRON
4.000	-5.982	.18658	.09322	.16843	.12302	-.00690	.09316	-.00476	.01034	.00000	.00000
4.000	-4.000	.18563	.09366	.16742	.12329	-.00515	.06167	-.00276	.00686	.00000	.00000
4.000	-3.011	.18437	.09343	.16622	.12285	-.00490	.04537	-.00134	.00478	.00000	.00000
4.000	-1.985	.18457	.09371	.16637	.12316	-.00388	.03025	-.00055	.00310	.00000	.00000
4.000	-1.002	.18478	.09411	.16650	.12360	-.00318	.01655	-.00023	.00168	.00000	.00000
4.000	-.019	.18453	.09417	.16624	.12362	-.00313	.00273	-.00008	.00025	.00000	.00000
4.000	.984	.18551	.09484	.16708	.12447	-.00294	-.00993	.00043	-.00104	.00000	.00000
4.000	1.968	.18636	.09495	.16790	.12472	-.00341	-.02386	.00076	-.00253	.00000	.00000
4.000	2.988	.18561	.09484	.16718	.12449	-.00427	-.03891	.00141	-.00414	.00000	.00000
4.000	3.992	.18710	.09510	.16860	.12500	-.00469	-.05543	.00296	-.00621	.00000	.00000
4.000	5.013	.18696	.09490	.16850	.12478	-.00634	-.08736	.00505	-.00991	.00000	.00000
4.000	GRADIENT	.00023	.00022	.00019	.00026	.00008	-.01430	.00058	-.00155	.00000	.00000

RUN NO. 394/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CEB	ELEVON	AILRON
4.500	-6.001	.16938	.08675	.15247	.11388	-.00706	.08642	-.00347	.00949	.00000	.00000
4.500	-4.000	.17134	.08665	.15441	.11411	-.00632	.05757	-.00255	.00661	.00000	.00000
4.500	-3.011	.17142	.08683	.15447	.11430	-.00598	.04285	-.00136	.00478	.00000	.00000
4.500	-1.985	.17106	.08690	.15409	.11432	-.00581	.02812	-.00029	.00302	.00000	.00000
4.500	-1.021	.17079	.08728	.15376	.11466	-.00534	.01454	.00024	.00147	.00000	.00000
4.500	-.019	.16959	.08736	.15255	.11454	-.00537	.00171	.00026	.00012	.00000	.00000
4.500	.984	.17090	.08774	.15378	.11514	-.00517	-.00950	.00007	-.00094	.00000	.00000
4.500	1.968	.17106	.08762	.15395	.11504	-.00578	-.02228	.00043	-.00235	.00000	.00000
4.500	2.988	.17156	.08775	.15443	.11526	-.00641	-.03664	.00121	-.00405	.00000	.00000
4.500	4.011	.17212	.08818	.15490	.11579	-.00655	-.05218	.00256	-.00589	.00000	.00000
4.500	5.995	.17245	.08847	.15517	.11614	-.00711	-.08069	.00391	-.00892	.00000	.00000
4.500	GRADIENT	.00006	.00018	.00003	.00019	-.00003	-.01338	.00049	-.00150	.00000	.00000

LAI31, MODEL 106-0, S-ON, CV-OPN (2-LMR SSME ON)

(17A095) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.44626	.11360	.40335	.22218	-.02166	.09786	-.00040	.01210	.00000	.00000
2.500	-4.000	.44447	.11657	.40087	.22461	-.01745	.05978	.00212	.00698	.00000	.00000
2.500	-2.992	.44223	.11777	.39839	.22522	-.01543	.04569	.00153	.00533	.00000	.00000
2.500	-1.985	.44311	.11751	.39928	.22524	-.01480	.03072	.00111	.00347	.00000	.00000
2.500	-1.002	.44278	.11689	.39909	.22459	-.01424	.01619	.00094	.00159	.00000	.00000
2.500	.000	.44286	.11685	.39917	.22459	-.01392	.00135	.00046	-.00013	.00000	.00000
2.500	.984	.44333	.11660	.39967	.22449	-.01402	-.01240	.00009	-.00175	.00000	.00000
2.500	1.987	.44392	.11739	.40005	.22540	-.01439	-.02752	-.00027	-.00361	.00000	.00000
2.500	2.988	.44303	.11821	.39901	.22592	-.01478	-.04218	-.00057	-.00533	.00000	.00000
2.500	4.011	.44375	.11765	.39986	.22552	-.01615	-.05583	-.00138	-.00693	.00000	.00000
2.500	6.013	.44819	.11515	.40482	.22417	-.02064	-.09304	-.00075	-.01194	.00000	.00000
	GRADIENT	.00003	.00009	-.00000	.00010	.00014	-.01454	-.00040	-.00176	.00000	.00000

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.001	.36076	.09310	.32541	.18145	-.01056	.09052	-.00161	.01232	.00000	.00000
3.500	-4.000	.36163	.09357	.32613	.18212	-.00874	.05943	-.00061	.00812	.00000	.00000
3.500	-2.992	.36054	.09414	.32493	.18241	-.00788	.04293	.00042	.00564	.00000	.00000
3.500	-1.966	.36020	.09498	.32437	.18315	-.00655	.02778	.00098	.00336	.00000	.00000
3.500	-1.002	.36010	.09511	.32424	.18326	-.00602	.01561	.00054	.00184	.00000	.00000
3.500	.000	.35993	.09546	.32398	.18357	-.00526	.00244	.00029	-.00023	.00000	.00000
3.500	.984	.36046	.09530	.32452	.18361	-.00576	-.01052	-.00003	-.00143	.00000	.00000
3.500	1.987	.36155	.09530	.32558	.18384	-.00530	-.02281	-.00043	-.00291	.00000	.00000
3.500	2.970	.36156	.09488	.32570	.18343	-.00708	-.03668	-.00018	-.00489	.00000	.00000
3.500	4.011	.36299	.09443	.32720	.18335	-.00912	-.05321	-.00115	-.00746	.00000	.00000
3.500	6.013	.36298	.09419	.32725	.18312	-.00984	-.08416	-.00223	-.01180	.00000	.00000
	GRADIENT	.00019	.00011	.00016	.00016	.00009	-.01365	-.00003	-.00183	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 70.000 RUDDER = .000
 SCALE = .0200

RUN NO. 388/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-5.982	.33370	.08721	.30100	.16842	-.01068	.08572	-.00060	.01142	.00000	.00000
4.000	-4.000	.33494	.08777	.30205	.16927	-.00922	.00000	-.00055	.00794	.00000	.00000
4.000	-3.011	.33507	.08791	.30214	.16943	-.00894	.00000	-.00019	.00582	.00000	.00000
4.000	-1.985	.33454	.08834	.30153	.16972	-.00809	.02740	.00100	.00363	.00000	.00000
4.000	-1.002	.33425	.08879	.30113	.17009	-.00725	.01514	.00068	.00199	.00000	.00000
4.000	.000	.33279	.08927	.29959	.17018	-.00666	.00241	.00023	.00028	.00000	.00000
4.000	.965	.33363	.08922	.30041	.17035	-.00692	-.00928	-.00016	-.00135	.00000	.00000
4.000	1.968	.33400	.08881	.30087	.17005	-.00764	-.02122	-.00063	-.00291	.00000	.00000
4.000	2.970	.33551	.08864	.30237	.17028	-.00814	-.03542	.00003	-.00491	.00000	.00000
4.000	4.011	.33610	.08878	.30291	.17057	-.00866	-.05154	.00096	-.00722	.00000	.00000
4.000	6.013	.33526	.08862	.30214	.17019	-.00987	-.07954	.00118	-.01079	.00000	.00000
	GRADIENT	.00007	.00013	.00004	.00014	.00010	-.01324	.00003	-.00183	.00000	.00000

RUN NO. 395/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-6.001	.31416	.08123	.28343	.15800	-.01016	.07900	.00010	.01065	.00000	.00000
4.500	-4.000	.31450	.08130	.28374	.15815	-.00897	.05248	-.00027	.00751	.00000	.00000
4.500	-3.011	.31492	.08130	.28415	.15826	-.00864	.03945	.00009	.00565	.00000	.00000
4.500	-1.985	.31490	.08150	.28407	.15845	-.00875	.02567	.00076	.00361	.00000	.00000
4.500	-1.002	.31447	.08184	.28358	.15866	-.00832	.01291	.00090	.00172	.00000	.00000
4.500	.019	.31474	.08201	.28379	.15889	-.00779	.00224	.00032	.00026	.00000	.00000
4.500	.984	.31487	.08213	.28389	.15904	-.00816	-.00844	-.00028	-.00120	.00000	.00000
4.500	1.968	.31494	.08195	.28401	.15888	-.00871	-.02001	.00042	-.00278	.00000	.00000
4.500	2.970	.31538	.08205	.28440	.15910	-.00898	-.03341	.00010	-.00482	.00000	.00000
4.500	4.030	.31581	.08194	.28484	.15911	-.00927	-.04682	.00054	-.00675	.00000	.00000
4.500	6.013	.31452	.08213	.28355	.15894	-.01085	-.07314	.00035	-.01002	.00000	.00000
	GRADIENT	.00012	.00010	.00009	.00013	-.00003	-.01215	-.00000	-.00174	.00000	.00000

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 375/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-6.001	.63330	.10236	.56233	.30877	-.03494	.08846	.00584	.01254	.00000	.00000
2.500	-4.000	.63456	.10534	.56246	.31209	-.03095	.05427	.00616	.00731	.00000	.00000
2.500	-3.011	.63254	.10702	.56001	.31298	-.02834	.03917	.00560	.00527	.00000	.00000
2.500	-1.985	.63232	.10872	.55919	.31458	-.02564	.02626	.00390	.00352	.00000	.00000
2.500	-1.002	.63027	.10903	.55717	.31415	-.02408	.01359	.00223	.00177	.00000	.00000
2.500	.000	.63050	.10871	.55748	.31393	-.02415	.00164	.00064	-.00010	.00000	.00000
2.500	.965	.63097	.10885	.55789	.31422	-.02393	-.01004	-.00102	-.00177	.00000	.00000
2.500	1.987	.63075	.10841	.55783	.31372	-.02476	-.02204	-.00264	-.00348	.00000	.00000
2.500	2.988	.63387	.10656	.56139	.31302	-.02682	-.03387	-.00464	-.00507	.00000	.00000
2.500	4.011	.63454	.10503	.56256	.31177	-.02955	-.04872	-.00542	-.00716	.00000	.00000
2.500	6.013	.63527	.10282	.56404	.30984	-.03335	-.08217	-.00540	-.01199	.00000	.00000
	GRADIENT	.00003	-.00006	.00004	-.00005	.00020	-.01253	-.00156	-.00177	.00000	.00000

RUN NO. 382/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-6.283	.53388	.08648	.47355	.26125	-.02059	.08843	.00349	.01325	.00000	.00000
3.500	-4.000	.53511	.08673	.47464	.26189	-.01918	.05374	.00316	.00783	.00000	.00000
3.500	-3.011	.53530	.08730	.47461	.26251	-.01782	.03920	.00321	.00560	.00000	.00000
3.500	-1.966	.53391	.08879	.47279	.26346	-.01559	.02467	.00316	.00331	.00000	.00000
3.500	-1.021	.53405	.08953	.47267	.26422	-.01383	.01389	.00195	.00177	.00000	.00000
3.500	.000	.53335	.08901	.47220	.26346	-.01411	.00252	.00047	.00023	.00000	.00000
3.500	.984	.53413	.08933	.47281	.26406	-.01366	.00000	-.00086	-.00141	.00000	.00000
3.500	1.987	.53445	.08888	.47328	.26370	-.01469	.00000	-.00244	-.00284	.00000	.00000
3.500	2.970	.53512	.08754	.47437	.26267	-.01715	.03261	-.00267	-.00494	.00000	.00000
3.500	3.992	.53595	.08678	.47541	.26223	-.01892	-.04714	-.00271	-.00725	.00000	.00000
3.500	6.013	.53519	.08686	.47468	.26202	-.01931	-.07630	-.00250	-.01179	.00000	.00000
	GRADIENT	.00007	.00002	.00005	.00004	.00008	-.01218	-.00092	-.00180	.00000	.00000

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REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 ATLRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 389/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	ATLRON
4.000	-6.001	.50479	.08231	.44804	.24667	-.01811	.07878	.00403	.01192	.00000	.00000
4.000	-4.000	.50518	.08197	.44852	.24648	-.01694	.05203	.00302	.00815	.00000	.00000
4.000	-3.011	.50556	.08220	.44880	.24683	-.01645	.03835	.00303	.00601	.00000	.00000
4.000	-1.985	.50429	.08342	.44719	.24756	-.01465	.02442	.00289	.00377	.00000	.00000
4.000	-1.002	.50515	.08383	.44786	.24825	-.01368	.01314	.00197	.00194	.00000	.00000
4.000	.000	.50561	.08351	.44839	.24812	-.01340	.00292	.00041	.00036	.00000	.00000
4.000	.965	.50515	.08374	.44788	.24818	-.01346	-.00749	-.00084	-.00136	.00000	.00000
4.000	1.968	.50613	.08365	.44883	.24843	-.01401	-.01817	-.00227	-.00290	.00000	.00000
4.000	2.970	.50530	.08243	.44847	.24697	-.01582	-.03125	-.00269	-.00497	.00000	.00000
4.000	4.030	.50728	.08233	.45036	.24755	-.01648	-.04573	-.00265	-.00728	.00000	.00000
4.000	6.013	.50726	.08296	.45013	.24816	-.01744	-.07205	-.00337	-.01111	.00000	.00000
	GRADIENT	.00019	.00004	.00016	.00011	.00009	-.01178	-.00088	-.00186	.00000	.00000

RUN NO. 396/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	ATLRON
4.500	-6.001	.48212	.07717	.42798	.23500	-.01651	.07178	.00408	.01122	.00000	.00000
4.500	-4.000	.48193	.07618	.42815	.23399	-.01590	.04782	.00272	.00783	.00000	.00000
4.500	-3.011	.48238	.07643	.42848	.23438	-.01537	.03573	.00265	.00579	.00000	.00000
4.500	-1.985	.48143	.07689	.42744	.23450	-.01481	.02229	.00262	.00357	.00000	.00000
4.500	-.983	.48156	.07718	.42747	.23480	-.01445	.01131	.00161	.00179	.00000	.00000
4.500	.000	.48220	.07716	.42808	.23500	-.01418	.00261	.00023	.00036	.00000	.00000
4.500	.984	.48186	.07713	.42776	.23486	-.01438	-.00674	-.00090	-.00121	.00000	.00000
4.500	1.968	.48191	.07719	.42779	.23492	-.01481	-.01705	-.00197	-.00283	.00000	.00000
4.500	2.970	.48279	.07674	.42877	.23479	-.01564	-.02864	-.00236	-.00473	.00000	.00000
4.500	3.992	.48216	.07649	.42828	.23433	-.01651	-.04209	-.00237	-.00702	.00000	.00000
4.500	5.995	.48369	.07768	.42931	.23599	-.01685	-.06531	-.00340	-.01046	.00000	.00000
	GRADIENT	.00006	.00005	.00004	.00006	-.00005	-.01087	-.00079	-.00179	.00000	.00000

LAI31, MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(.7A097) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AIRLON = .000 SDFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 378/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-13.218	.26170	.12744	.23687	.16917	.00006	-.01215	.00801	-.00467	.00000	.00000
2.500	-11.609	.26192	.12677	.23720	.16854	-.00072	-.01077	.00709	-.00417	.00000	.00000
2.500	-9.968	.26195	.12624	.23732	.16803	-.00138	-.00887	.00612	-.00356	.00000	.00000
2.500	-8.248	.26134	.12567	.23683	.16735	-.00191	-.00598	.00513	-.00295	.00000	.00000
2.500	-6.613	.26312	.12531	.23863	.16731	-.00238	-.00552	.00421	-.00249	.00000	.00000
2.500	-4.929	.26291	.12476	.23851	.16673	-.00270	-.00340	.00314	-.00183	.00000	.00000
2.500	-3.269	.26111	.12462	.23678	.16627	-.00308	-.00258	.00214	-.00124	.00000	.00000
2.500	-1.895	.26328	.12432	.23895	.16636	-.00340	-.00097	.00123	-.00072	.00000	.00000
2.500	-.829	.26262	.12431	.23831	.16621	-.00335	-.00004	.00086	-.00045	.00000	.00000
2.500	.031	.26328	.12419	.23898	.16622	-.00327	.00122	.00017	-.00007	.00000	.00000
2.500	.858	.26186	.12427	.23757	.16605	-.00320	.00211	-.00048	.00031	.00000	.00000
2.500	1.671	.26346	.12429	.23914	.16635	-.00318	.00306	-.00079	.00049	.00000	.00000
	GRADIENT	.00010	-.00008	.00011	-.00006	-.00006	.00102	-.00060	.00036	.00000	.00000

RUN NO. 385/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-13.268	.20173	.10428	.18136	.13666	.00297	-.00974	.00699	-.00376	.00000	.00000
3.500	-11.662	.20280	.10357	.18253	.13614	.00211	-.00831	.00617	-.00331	.00000	.00000
3.500	-9.853	.20330	.10292	.18314	.13558	.00143	-.00679	.00539	-.00280	.00000	.00000
3.500	-8.284	.20316	.10231	.18311	.13496	.00073	-.00560	.00446	-.00231	.00000	.00000
3.500	-6.620	.20355	.10183	.18357	.13455	.00016	-.00408	.00363	-.00186	.00000	.00000
3.500	-4.921	.20455	.10151	.18461	.13440	.00005	-.00205	.00271	-.00125	.00000	.00000
3.500	-3.228	.20468	.10122	.18479	.13413	-.00034	-.00033	.00182	-.00076	.00000	.00000
3.500	-1.791	.20405	.10083	.18423	.13365	-.00062	.00067	.00102	-.00034	.00000	.00000
3.500	-.046	.20443	.10080	.18461	.13368	-.00060	.00124	.00067	-.00014	.00000	.00000
3.500	.017	.20469	.10087	.18486	.13379	-.00052	.00228	.00011	.00024	.00000	.00000
3.500	.847	.20405	.10070	.18425	.13352	-.00067	.00331	-.00058	.00059	.00000	.00000
3.500	1.654	.20452	.10078	.18470	.13369	-.00043	.00390	-.00080	.00078	.00000	.00000
	GRADIENT	-.00003	-.00011	-.00001	-.00012	-.00008	.00030	-.00055	.00031	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPAT 1299)

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LAI31,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(17A097) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.268	.18152	.09838	.16257	.12727	.00050	-.00825	.00635	-.00334	.00000	.00000
4.000	-11.631	.18081	.09743	.16204	.12621	-.00067	-.00734	.00560	-.00295	.00000	.00000
4.000	-9.836	.18219	.09681	.16350	.12583	-.00117	-.00549	.00491	-.00248	.00000	.00000
4.000	-8.284	.18241	.09631	.16380	.12537	-.00177	-.00446	.00421	-.00211	.00000	.00000
4.000	-6.617	.18243	.09560	.16395	.12467	-.00230	-.00310	.00333	-.00157	.00000	.00000
4.000	-4.914	.18292	.09509	.16452	.12424	-.00272	-.00140	.00244	-.00105	.00000	.00000
4.000	-3.269	.18305	.09478	.16470	.12396	-.00290	.00010	.00166	-.00063	.00000	.00000
4.000	-1.791	.18278	.09431	.16452	.12344	-.00328	.00079	.00097	-.00026	.00000	.00000
4.000	-.877	.18332	.09449	.16502	.12371	-.00302	.00177	.00063	-.00000	.00000	.00000
4.000	.011	.18342	.09433	.16514	.12357	-.00292	.00250	.00011	.00026	.00000	.00000
4.000	.847	.18271	.09425	.16446	.12337	-.00305	.00332	-.00050	.00058	.00000	.00000
4.000	1.596	.18241	.09427	.16416	.12334	-.00311	.00386	-.00076	.00074	.00000	.00000
4.000	GRADIENT	-.00004	-.00013	-.00002	-.00013	-.00004	.00080	-.00050	.00028	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.281	.16720	.09052	.14970	.11722	-.00225	-.00866	.00605	-.00314	.00000	.00000
4.500	-11.631	.16726	.08974	.14989	.11646	-.00306	-.00766	.00539	-.00279	.00000	.00000
4.500	-9.877	.16734	.08907	.15009	.11580	-.00374	-.00639	.00474	-.00240	.00000	.00000
4.500	-8.288	.16790	.08867	.15070	.11550	-.00428	-.00540	.00409	-.00203	.00000	.00000
4.500	-6.627	.16849	.08809	.15139	.11503	-.00484	-.00373	.00332	-.00157	.00000	.00000
4.500	-4.925	.16815	.08750	.15110	.11469	-.00529	-.00235	.00248	-.00110	.00000	.00000
4.500	-3.272	.16827	.08750	.15127	.11442	-.00558	-.00095	.00174	-.00069	.00000	.00000
4.500	-1.821	.16838	.08742	.15238	.11452	-.00559	.00018	.00107	-.00031	.00000	.00000
4.500	-.858	.16896	.08732	.15197	.11435	-.00567	.00068	.00075	-.00013	.00000	.00000
4.500	.011	.16810	.08723	.15114	.11412	-.00578	.00156	.00023	.00014	.00000	.00000
4.500	.847	.16871	.08733	.15172	.11432	-.00563	.00244	-.00030	.00046	.00000	.00000
4.500	1.415	.16827	.08733	.15129	.11424	-.00568	.00268	-.00054	.00058	.00000	.00000
4.500	GRADIENT	.00002	-.00007	.00003	-.00007	-.00005	.00080	-.00048	.00027	.00000	.00000

LAI31,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(17A098) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.223	.44119	.11984	.39679	.22710	-.01038	-.01159	.00796	-.00443	.00000	.00000
2.500	-11.689	.44030	.11939	.39605	.22642	-.01081	-.01068	.00710	-.00394	.00000	.00000
2.500	-9.868	.44237	.11870	.39822	.22628	-.01178	-.00844	.00625	-.00349	.00000	.00000
2.500	-8.244	.44172	.11811	.39775	.22553	-.01234	-.00712	.00515	-.00274	.00000	.00000
2.500	-6.891	.44216	.11780	.39826	.22533	-.01293	-.00556	.00436	-.00238	.00000	.00000
2.500	-5.016	.44242	.11745	.39861	.22504	-.01332	-.00346	.00322	-.00172	.00000	.00000
2.500	-3.265	.44277	.11716	.39902	.22485	-.01366	-.00155	.00227	-.00117	.00000	.00000
2.500	-1.932	.44308	.11709	.39934	.22485	-.01371	-.00009	.00141	-.00063	.00000	.00000
2.500	-.969	.44303	.11690	.39934	.22465	-.01373	.00037	.00100	-.00041	.00000	.00000
2.500	.014	.44200	.11699	.39833	.22447	-.01359	.00117	.00035	.00001	.00000	.00000
2.500	.868	.44224	.11698	.39856	.22451	-.01373	.00245	-.00031	.00033	.00000	.00000
2.500	1.665	.44385	.11696	.40012	.22492	-.01369	.00317	-.00056	.00048	.00000	.00000
	GRADIENT	.00004	-.00004	.00005	-.00003	-.00000	.00034	-.00059	.00034	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.249	.35767	.09877	.32109	.18596	-.00162	-.00872	.00655	-.00342	.00000	.00000
3.500	-11.666	.35725	.09794	.32091	.18504	-.00257	-.00749	.00585	-.00303	.00000	.00000
3.500	-9.881	.35824	.09747	.32199	.18484	-.00314	-.00618	.00508	-.00260	.00000	.00000
3.500	-8.273	.35909	.09703	.32292	.18462	-.00352	-.00455	.00426	-.00208	.00000	.00000
3.500	-6.620	.35911	.09657	.32306	.18418	-.00407	-.00323	.00351	-.00168	.00000	.00000
3.500	-4.921	.35859	.09601	.32269	.18349	-.00468	-.00183	.00258	-.00116	.00000	.00000
3.500	-3.254	.35876	.09573	.32293	.18326	-.00506	-.00041	.00177	-.00072	.00000	.00000
3.500	-1.802	.35816	.09551	.32241	.18291	-.00512	.00082	.00106	-.00030	.00000	.00000
3.500	-.858	.35817	.09549	.32242	.18289	-.00519	.00117	.00073	-.00011	.00000	.00000
3.500	.045	.35880	.09561	.32300	.18316	-.00490	.00213	.00028	-.00020	.00000	.00000
3.500	.847	.35796	.09540	.32224	.18275	-.00514	.00316	-.00038	.00055	.00000	.00000
3.500	1.613	.35801	.09547	.32228	.18283	-.00518	.00343	-.00062	.00071	.00000	.00000
	GRADIENT	-.00009	-.00008	-.00007	-.00010	-.00005	.00082	-.00049	.00029	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31.MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(17A098) (24 JUN 80)

REFERENCE DATA

SREF = 2650.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 70.000 BETA = .000

RUN NO. 391/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.268	.33155	.09242	.29753	.17304	-.00344	-.00660	.00575	-.00282	.00000	.00000
4.000	-11.658	.33127	.09178	.29743	.17234	-.00425	-.00590	.00514	-.00245	.00000	.00000
4.000	-9.981	.33169	.09128	.29796	.17196	-.00483	-.00486	.00447	-.00213	.00000	.00000
4.000	-8.273	.33263	.09096	.29895	.17189	-.00509	-.00357	.00385	-.00174	.00000	.00000
4.000	-6.623	.33238	.09048	.29883	.17136	-.00569	-.00220	.00311	-.00129	.00000	.00000
4.000	-4.910	.33381	.09009	.30031	.17135	-.00597	-.00071	.00233	-.00083	.00000	.00000
4.000	-3.265	.33264	.08931	.29923	.17088	-.00624	.00044	.00161	-.00042	.00000	.00000
4.000	-1.798	.33308	.08973	.29970	.17081	-.00637	.00161	.00099	-.00005	.00000	.00000
4.000	-.901	.33321	.08966	.29983	.17078	-.00643	.00190	.00069	.00010	.00000	.00000
4.000	-.073	.33291	.08967	.29954	.17071	-.00643	.00298	.00022	.00037	.00000	.00000
4.000	.703	.33214	.08943	.29887	.17028	-.00666	.00323	-.00034	.00060	.00000	.00000
4.000	1.590	.33267	.08951	.29935	.17050	-.00660	.00377	-.00056	.00080	.00000	.00000
4.000	GRADIENT	-.00016	-.00010	-.00013	-.00013	-.00010	.00070	-.00045	.00025	.00000	.00000

RUN NO. 398/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.281	.31344	.08393	.28199	.16052	-.00640	-.00599	.00470	-.00245	.00000	.00000
4.500	-11.631	.31252	.08336	.28125	.15973	-.00678	-.00538	.00422	-.00223	.00000	.00000
4.500	-9.853	.31261	.08306	.28142	.15947	-.00715	-.00450	.00377	-.00190	.00000	.00000
4.500	-8.297	.31318	.08276	.28204	.15933	-.00739	-.00375	.00328	-.00160	.00000	.00000
4.500	-6.630	.31369	.08245	.28261	.15915	-.00779	-.00248	.00263	-.00123	.00000	.00000
4.500	-4.944	.31388	.08227	.28284	.15903	-.00793	-.00148	.00201	-.00084	.00000	.00000
4.500	-3.302	.31398	.08209	.28299	.15887	-.00806	-.00048	.00142	-.00049	.00000	.00000
4.500	-1.798	.31410	.08190	.28315	.15872	-.00818	.00068	.00091	-.00018	.00000	.00000
4.500	-.911	.31324	.08192	.28322	.15852	-.00838	.00104	.00058	-.00002	.00000	.00000
4.500	-.107	.31373	.08190	.28279	.15862	-.00820	.00181	.00021	.00000	.00000	.00000
4.500	.851	.31333	.08190	.28246	.15854	-.00831	.00255	-.00030	.00050	.00000	.00000
4.500	1.578	.31392	.08181	.28300	.15860	-.00835	.00279	-.00050	.00057	.00000	.00000
4.500	GRADIENT	-.00005	-.00006	-.00003	-.00007	-.00006	.00068	-.00039	.00022	.00000	.00000

LAI31.MODEL 106-0, S-ON, CV-ORN (2-LKR SSME ON)

(17A099) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPDBRK = 70.000 BETA = .000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-13.177	.62903	.11154	.55515	.31610	-.02100	-.01033	.00747	-.00402	.00000	.00000
2.500	-11.725	.62860	.11110	.55583	.31589	-.02173	-.00929	.00680	-.00376	.00000	.00000
2.500	-9.915	.62866	.11072	.55509	.31518	-.02206	-.00830	.00602	-.00319	.00000	.00000
2.500	-8.227	.63111	.11026	.55754	.31562	-.02259	-.00606	.00518	-.00270	.00000	.00000
2.500	-6.603	.63128	.10981	.55787	.31521	-.02322	-.00461	.00423	-.00232	.00000	.00000
2.500	-4.886	.63053	.10940	.55730	.31457	-.02352	-.00311	.00325	-.00162	.00000	.00000
2.500	-3.257	.63018	.10919	.55705	.31423	-.02410	-.00120	.00233	-.00111	.00000	.00000
2.500	-1.806	.63021	.10889	.55717	.31399	-.02422	.00040	.00145	-.00057	.00000	.00000
2.500	-.906	.63071	.10883	.55766	.31410	-.02408	.00063	.00096	-.00038	.00000	.00000
2.500	.003	.63109	.10873	.55804	.31415	-.02444	.00147	.00051	-.00016	.00000	.00000
2.500	.876	.63164	.10885	.55852	.31443	-.02425	.00304	-.00013	-.00030	.00000	.00000
2.500	1.706	.63114	.10884	.55804	.31429	-.02416	.00329	-.00045	-.00049	.00000	.00000
2.500	GRADIENT	.00018	-.00009	.00019	-.00002	-.00009	.00097	-.00057	.00032	.00000	.00000

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-13.281	.53249	.09099	.47070	.26507	-.01215	-.00599	.00511	-.00268	.00000	.00000
3.500	-11.662	.53374	.09084	.47192	.26537	-.01234	-.00482	.00469	-.00235	.00000	.00000
3.500	-9.877	.53287	.09037	.47126	.26462	-.01295	-.00399	.00416	-.00204	.00000	.00000
3.500	-8.277	.53305	.09009	.47153	.26443	-.01319	-.00295	.00357	-.00168	.00000	.00000
3.500	-6.637	.53347	.08986	.47200	.26435	-.01350	-.00191	.00301	-.00135	.00000	.00000
3.500	-4.933	.53348	.08948	.47213	.26400	-.01376	-.00089	.00227	-.00095	.00000	.00000
3.500	-3.246	.53364	.08948	.47229	.26405	-.01389	.00035	.00170	-.00052	.00000	.00000
3.500	-1.813	.53312	.08922	.47189	.26362	-.01422	.00118	.00107	-.00026	.00000	.00000
3.500	-.826	.53397	.08930	.47266	.26399	-.01399	.00196	.00079	-.00004	.00000	.00000
3.500	-.070	.53351	.08913	.47229	.26367	-.01418	.00250	.00031	-.00019	.00000	.00000
3.500	.734	.53380	.08915	.47254	.26380	-.01399	.00347	-.00008	-.00050	.00000	.00000
3.500	1.565	.53411	.08906	.47286	.26382	-.01395	.00383	-.00039	-.00067	.00000	.00000
3.500	GRADIENT	.00008	-.00007	.00010	-.00004	-.00003	.00073	-.00041	.00025	.00000	.00000

LAI31,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(17A099) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = .000
 AILRON = .000
 SPDBRK = 70.000
 ELEVON = .000
 BDFLAP = .000
 BETA = .000

RUN NO. 390/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.000	-13.268	.50301	.08499	.44543	.24866	-.01211	-.00404	.00428	-.00201	.00000	.00000
4.000	-11.640	.50375	.08471	.44622	.24865	-.01252	-.00319	.00390	-.00172	.00000	.00000
4.000	-9.981	.50386	.08463	.44635	.24862	-.01249	-.00244	.00353	-.00150	.00000	.00000
4.000	-8.273	.50353	.08431	.44615	.24820	-.01294	-.00184	.00303	-.00121	.00000	.00000
4.000	-6.627	.50325	.08415	.44594	.24796	-.01305	-.00111	.00256	-.00094	.00000	.00000
4.000	-4.929	.50408	.08390	.44680	.24800	-.01327	-.00005	.00198	-.00063	.00000	.00000
4.000	-3.295	.50462	.08381	.44734	.24811	-.01328	.00113	.00146	-.00022	.00000	.00000
4.000	-1.821	.50489	.08360	.44766	.24800	-.01352	.00173	.00090	-.00003	.00000	.00000
4.000	-.901	.50407	.08358	.44689	.24771	-.01345	.00251	.00074	.00023	.00000	.00000
4.000	.037	.50412	.08358	.44694	.24772	-.01354	.00278	.00032	.00042	.00000	.00000
4.000	.847	.50417	.08350	.44702	.24766	-.01352	.00351	-.00014	-.00067	.00000	.00000
4.000	1.654	.50509	.08366	.44782	.24813	-.01344	.00407	-.00028	.00084	.00000	.00000
4.000	GRADIENT	.00005	-.00005	.00005	-.00003	-.00004	.00061	-.00035	.00022	.00000	.00000

RUN NO. 397/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-13.376	.48021	.07603	.42590	.23515	-.01754	-.00310	.00312	-.00148	.00000	.00000
4.500	-11.645	.48124	.07795	.42691	.23540	-.01360	-.00246	.00283	-.00129	.00000	.00000
4.500	-10.028	.48082	.07766	.42661	.23500	-.01394	-.00182	.00253	-.00112	.00000	.00000
4.500	-8.509	.48083	.07756	.42666	.23490	-.01412	-.00132	.00223	-.00099	.00000	.00000
4.500	-6.623	.48089	.07745	.42675	.23483	-.01422	-.00057	.00182	-.00069	.00000	.00000
4.500	-4.929	.48101	.07726	.42692	.23469	-.01431	.00005	.00141	-.00044	.00000	.00000
4.500	-3.309	.48061	.07707	.42661	.23438	-.01441	.00067	.00098	-.00020	.00000	.00000
4.500	-1.810	.48118	.07707	.42714	.23457	-.01449	.00129	.00059	.00003	.00000	.00000
4.500	-.882	.48121	.07707	.42717	.23458	-.01427	.00196	.00044	.00017	.00000	.00000
4.500	-.009	.48076	.07687	.42681	.23424	-.01461	.00204	.00010	.00033	.00000	.00000
4.500	.847	.48088	.07688	.42692	.23430	-.01441	.00282	-.00018	.00053	.00000	.00000
4.500	1.561	.48089	.07698	.42691	.23438	-.01444	.00307	-.00031	.00063	.00000	.00000
4.500	GRADIENT	-.00000	-.00005	.00001	-.00005	-.00002	.00047	-.00027	.00017	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 400/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.468	-1.1521	.14332	-.10894	.14815	.02037	-.00147	.00021	.00001	.00000	.00000
2.500	-4.31	-.05412	.13956	-.05307	.13997	.01565	-.00122	.00018	-.00001	.00000	.00000
2.500	1.566	.00777	.13719	.00402	.13735	.01117	-.00040	.00031	-.00006	.00000	.00000
2.500	3.584	.06860	.13438	.06006	.13641	.00710	-.00052	.00034	-.00020	.00000	.00000
2.500	4.561	.09779	.13270	.08693	.14005	.00493	-.00052	.00033	-.00007	.00000	.00000
2.500	5.570	.12959	.12989	.11638	.14185	.00271	-.00011	.00039	-.00020	.00000	.00000
2.500	7.554	.19242	.12679	.17408	.15099	-.00040	.00037	.00035	-.00018	.00000	.00000
2.500	9.558	.26051	.12395	.23631	.16549	-.00390	.00043	.00035	-.00024	.00000	.00000
2.500	11.561	.33070	.12169	.29960	.18550	-.00780	.00051	.00044	-.00021	.00000	.00000
2.500	12.630	.36999	.12023	.33475	.19822	-.01006	.00086	.00046	-.00016	.00000	.00000
2.500	13.565	.40477	.11893	.36559	.21055	-.01214	.00053	.00052	-.00019	.00000	.00000
2.500	14.553	.44085	.11753	.39717	.22453	-.01429	.00088	.00060	-.00017	.00000	.00000
2.500	15.626	.48073	.11577	.43178	.24097	-.01666	.00093	.00062	-.00012	.00000	.00000
2.500	16.572	.51499	.11452	.46094	.25664	-.01843	.00089	.00068	-.00004	.00000	.00000
2.500	17.559	.55246	.11296	.49264	.27437	-.02061	.00156	.00074	-.00010	.00000	.00000
2.500	19.574	.62824	.10980	.55515	.31393	-.02502	.00125	.00072	-.00009	.00000	.00000
2.500	23.605	.78989	.10203	.68295	.40979	-.03747	.00205	.00049	.00014	.00000	.00000
2.500	24.614	.83214	.09939	.71513	.43695	-.04140	.00185	.00046	.00009	.00000	.00000
2.500	27.575	.96018	.09266	.80821	.52661	-.05237	.00306	.00062	.00005	.00000	.00000
2.500	31.565	1.13600	.07940	.92633	.66229	-.06383	.00393	.00121	-.00020	.00000	.00000
2.500	GRADIENT	.03037	-.00146	.02794	-.00106	-.00219	.00015	.00002	-.00002	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAGE 207

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A101) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 414/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.462	-1.1189	.12923	-.10624	.13392	.00991	-.00378	.00136	-.00051	.01644	.00776
2.500	-4.38	-.04971	.12559	-.04875	.12596	.00569	-.00359	.00122	-.00043	.01597	.00418
2.500	1.580	.00976	.12279	.00637	.12301	.00175	-.00383	.00135	-.00030	.01442	.00574
2.500	3.549	.06971	.12048	.06212	.12456	-.00248	-.00365	.00130	-.00046	.01442	.00574
2.500	4.591	.10187	.11784	.09211	.12562	-.00452	-.00324	.00135	-.00051	.01644	.00776
2.500	5.481	.12906	.11644	.11735	.12823	-.00639	-.00286	.00124	-.00053	.02267	.00153
2.500	7.523	.19447	.11437	.17782	.13885	-.00955	-.00237	.00117	-.00058	.02064	-.00049
2.500	9.590	.26332	.11167	.24104	.15398	-.01237	-.00246	.00116	-.00062	.02267	-.00153
2.500	11.604	.33456	.10914	.30578	.17420	-.01590	-.00264	.00120	-.00053	.01644	.00776
2.500	12.559	.36948	.10789	.33718	.18565	-.01793	-.00251	.00120	-.00052	.01644	.00776
2.500	13.606	.40741	.10651	.37092	.19936	-.01988	-.00253	.00117	-.00046	.01442	.00574
2.500	14.557	.44354	.10504	.40290	.21315	-.02228	-.00239	.00114	-.00053	.00617	.00994
2.500	15.579	.48097	.10351	.43550	.22898	-.02397	-.00240	.00117	-.00044	.00617	.00994
2.500	16.555	.51748	.10229	.46688	.24550	-.02593	-.00189	.00120	-.00041	.00819	.01196
2.500	17.549	.55544	.10102	.49913	.26379	-.02777	-.00193	.00116	-.00044	.00772	.00838
2.500	19.574	.63075	.09814	.56142	.30379	-.03175	-.00228	.00092	-.00032	.00056	.00745
2.500	23.595	.79105	.09190	.68813	.40085	-.04351	-.00079	.00049	-.00018	.00165	.00231
2.500	24.596	.83360	.09058	.72026	.42932	-.04594	-.00068	.00048	-.00018	-.00038	.00028
2.500	27.606	.96294	.08523	.81382	.52174	-.05694	-.00053	.00041	-.00021	.00009	.00386
2.500	31.577	1.13510	.07130	.92958	.65512	-.06802	.00017	.00083	-.00039	.00103	.01103
2.500	GRADIENT	.03022	-.00153	.02804	-.00106	-.00205	.00005	.00000	.00000	-.00012	.00005

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A101) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 55.000 RUDDER = .000

RUN NO. 416 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.415	-1.0316	.11381	-.09828	.11806	-.00995	-.00041	.00078	-.00016	.01909	.00107
3.500	-3.318	-.05578	.10922	-.05517	.10952	-.00889	-.00024	.00080	-.00013	.01551	.00060
3.500	1.691	-.00913	.10631	-.01226	.10599	-.00823	-.00049	.00080	-.00013	.01239	.00371
3.500	3.644	.03792	.10316	.03129	.10536	-.00754	-.00017	.00075	-.00012	.01862	-.00252
3.500	4.625	.06277	.10130	.05439	.10603	-.00753	-.00007	.00069	-.00017	.01706	-.00096
3.500	5.706	.09223	.09924	.08190	.10792	-.00814	-.00007	.00068	-.00018	.02064	-.00049
3.500	7.691	.14621	.09721	.13188	.11590	-.00864	-.00036	.00076	-.00018	.01192	.00013
3.500	9.646	.20344	.09533	.18460	.12807	-.00932	-.00051	.00077	-.00021	.01909	.00107
3.500	11.709	.26540	.09380	.24084	.14571	-.01074	-.00027	.00077	-.00012	.01706	-.00096
3.500	12.673	.29596	.09298	.26835	.15564	-.01141	-.00021	.00078	-.00010	.01706	-.00096
3.500	13.639	.32642	.09216	.29548	.16653	-.01238	-.00007	.00078	-.00013	.01551	.00060
3.500	14.645	.35855	.09124	.32384	.17893	-.01332	.00002	.00073	-.00009	.01395	.00215
3.500	15.665	.39290	.09015	.35396	.19289	-.01475	-.00002	.00069	-.00007	.01083	.00527
3.500	16.678	.42656	.08899	.38308	.20766	-.01623	.00023	.00068	-.00003	.01348	-.00143
3.500	17.638	.45921	.08801	.41096	.22301	-.01762	.00015	.00060	.00000	.01037	.00169
3.500	19.668	.53176	.08568	.47190	.25966	-.02100	.00043	.00056	-.00001	.00881	.00324
3.500	23.710	.68399	.08211	.59324	.35021	-.02770	.00078	.00042	.00011	.00367	.00433
3.500	24.635	.72141	.08190	.62161	.37516	-.02913	.00083	.00045	.00008	.00212	.00589
3.500	27.719	.85053	.07973	.71584	.46618	-.03382	.00137	.00021	.00013	.00212	.00589
3.500	31.704	1.03290	.07471	.83948	.60637	-.04558	.00147	.00032	.00018	-.00358	.01159
3.500	GRADIENT	.02354	-.00172	.02167	-.00164	.00035	.00004	-.00001	-.00000	-.00008	-.00039

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-L1 = .000 ELV-R1 = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 425/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.382	-.10114	.10386	-.09673	.10797	-.01607	.00001	.00064	-.00015	.02407	.01228
4.500	-.331	-.05950	.09855	-.05893	.09889	-.01467	-.00022	.00062	-.00012	.01271	.01959
4.500	1.623	-.01841	.09410	-.02107	.09354	-.01366	-.00004	.00049	-.00011	.01847	.00979
4.500	3.680	.02616	.09032	.02031	.09182	-.01229	-.00002	.00053	-.00007	.02096	.01539
4.500	4.672	.04742	.08822	.04008	.09179	-.01171	.00011	.00053	-.00006	.02252	.01384
4.500	5.631	.07053	.08625	.06173	.09276	-.01189	.00024	.00052	-.00005	.02096	.01539
4.500	7.665	.12093	.08389	.10866	.09826	-.01233	.00008	.00051	-.00005	.01894	.01337
4.500	9.720	.17512	.08206	.15875	.11045	-.01245	-.00006	.00052	-.00008	.01894	.01337
4.500	11.665	.22817	.08051	.20718	.12498	-.01302	.00009	.00059	-.00004	.02252	.01384
4.500	12.657	.25658	.07976	.23287	.13404	-.01323	.00016	.00055	-.00003	.02096	.01539
4.500	13.647	.28636	.07890	.25966	.14423	-.01395	.00023	.00053	-.00002	.01940	.01695
4.500	14.641	.31729	.07824	.28721	.15590	-.01427	.00057	.00049	-.00008	.02143	.01897
4.500	15.723	.35126	.07729	.31717	.16959	-.01506	.00079	.00043	-.00013	.02298	.01742
4.500	16.627	.38100	.07648	.34319	.18230	-.01581	.00085	.00039	-.00014	.02501	.01944
4.500	17.636	.41457	.07577	.37212	.19781	-.01642	.00101	.00033	-.00021	.02859	.01991
4.500	19.719	.46598	.07447	.43236	.23407	-.01835	.00121	.00019	-.00026	.02704	.02147
4.500	23.634	.63088	.07207	.54908	.31894	-.02427	.00136	.00011	-.00032	.02439	.02916
4.500	24.670	.67173	.07196	.58039	.34577	-.02597	.00154	.00012	-.00039	.03264	.02396
4.500	27.707	.79661	.07122	.67215	.43344	-.03205	.00155	.00024	-.00042	.02906	.02349
4.500	31.725	.97439	.06828	.79290	.57045	-.04347	.00211	-.00003	-.00051	.02548	.02303
4.500	GRADIENT	.02111	-.00219	.01945	-.00224	.00061	.00002	-.00002	.00001	.00022	-.00005

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A102) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDPRK = 55.000 RUDDER = .000

RUN NO. 403/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.439	-1.10679	.13872	-1.10079	.14314	.00675	-.00357	.00088	-.00029	.01800	.00620
2.500	-4.428	-.04453	.13417	-.04353	.13450	.00298	-.00313	.00078	-.00028	.01847	.00979
2.500	1.590	.01530	.13118	.01165	.13155	-.00112	-.00306	.00086	-.00030	.01955	.00465
2.500	3.569	.07336	.12794	.06525	.13226	-.00478	-.00311	.00089	-.00033	.01800	.00620
2.500	4.591	.10391	.12296	.09374	.13089	-.00597	-.00308	.00100	-.00036	.01442	.00574
2.500	5.584	.13385	.11913	.12162	.13159	-.00733	-.00236	.00103	-.00044	.01909	.00107
2.500	7.571	.19668	.11689	.17957	.14179	-.01026	-.00264	.00102	-.00051	.01488	.00932
2.500	9.563	.26419	.11414	.24156	.15645	-.01298	-.00250	.00100	-.00046	.01955	.00465
2.500	11.581	.33467	.11147	.30548	.17639	-.01631	-.00229	.00113	-.00044	.01800	.00620
2.500	12.567	.37029	.10981	.33753	.18775	-.01809	-.00269	.00106	-.00047	.01442	.00574
2.500	13.585	.40818	.10824	.37134	.20108	-.02036	-.00217	.00109	-.00037	.01753	.00262
2.500	14.579	.44382	.10674	.40266	.21502	-.02223	-.00273	.00104	-.00035	.01442	.00574
2.500	15.549	.48146	.10500	.43569	.23022	-.02423	-.00227	.00107	-.00046	.01442	.00574
2.500	16.566	.51783	.10364	.46679	.24698	-.02575	-.00263	.00100	-.00035	.01130	.00885
2.500	17.567	.55617	.10214	.49940	.26524	-.02786	-.00213	.00093	-.00042	.01442	.00574
2.500	19.602	.63115	.09905	.56134	.30505	-.03178	-.00201	.00077	-.00019	.01130	.00885
2.500	23.585	.79126	.09230	.68824	.40117	-.04321	-.00104	.00039	-.00023	.01738	.01493
2.500	24.569	.83313	.09084	.71993	.42901	-.04659	-.00101	.00030	-.00019	.01488	.00932
2.500	27.570	.95925	.08523	.81088	.51952	-.05670	-.00100	.00018	-.00019	.01177	.01243
2.500	31.567	1.13700	.07513	.92940	.65921	-.06892	-.00057	.00061	-.00027	.01068	.01757
2.500	GRADIENT	.02988	-.00205	.02758	-.00152	-.00185	.00006	.00002	-.00001	-.00036	-.00025

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 401/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.479	-.10645	.13743	-.10041	.14190	.00761	-.00364	.00093	-.00030	.01348	-.00143
2.500	-1.351	-.04292	.13301	-.04210	.13327	.00339	-.00289	.00090	-.00023	.01504	-.00298
2.500	1.564	.01457	.13020	.01101	.13055	-.00046	-.00313	.00092	-.00031	.01192	.00013
2.500	3.555	.07316	.12704	.06514	.13134	-.00411	-.00302	.00092	-.00039	.01551	.00060
2.500	4.549	.10395	.12266	.09389	.13051	-.00541	-.00291	.00109	-.00035	.01286	.00729
2.500	5.534	.13276	.11888	.12063	.13117	-.00684	-.00258	.00112	-.00038	.01706	-.00096
2.500	7.618	.19934	.11643	.18214	.14183	-.00969	-.00271	.00112	-.00041	.02111	.00309
2.500	9.627	.26586	.11360	.24312	.15646	-.01240	-.00264	.00110	-.00044	.01955	.00465
2.500	11.582	.33655	.11107	.30740	.17638	-.01588	-.00242	.00115	-.00056	.01800	.00620
2.500	12.564	.37234	.10944	.33962	.18781	-.01769	-.00245	.00111	-.00054	.01800	.00620
2.500	13.609	.40964	.10800	.37273	.20135	-.01973	-.00278	.00113	-.00038	.01691	.01134
2.500	14.552	.44430	.10633	.40334	.21455	-.02175	-.00256	.00107	-.00052	.01442	.00574
2.500	15.595	.48296	.10464	.43705	.23062	-.02375	-.00218	.00112	-.00046	.01333	.01088
2.500	16.620	.52027	.10338	.46897	.24787	-.02558	-.00270	.00099	-.00038	.01177	.01243
2.500	17.576	.55615	.10201	.49938	.26519	-.02722	-.00235	.00096	-.00043	.01022	.01399
2.500	19.534	.63289	.09885	.56309	.30537	-.03141	-.00190	.00087	-.00034	.01535	.01290
2.500	23.625	.79450	.09194	.69107	.40263	-.04311	-.00112	.00030	-.00027	.00654	.02171
2.500	24.646	.83781	.09059	.72371	.43170	-.04631	-.00110	.00015	-.00023	.01427	.01804
2.500	27.609	.96261	.08514	.81354	.52155	-.05639	.00010	.00004	-.00037	.01318	.02318
2.500	31.766	1.14820	.07451	.93695	.66779	-.06895	-.00041	.00059	-.00020	.01831	.02209
2.500	GRADIENT	.02988	-.00194	.02759	-.00143	-.00188	.00008	.00002	-.00001	-.00002	.00108

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 415/ 0 RN/L = 2.01 GRADIENT INTERVAL = 5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.443	-1.0989	.12874	-.10430	.13331	.00815	-.04410	.00451	-.00285	.01847	.00979
2.500	-.393	-.04811	.12707	-.04724	.12740	.00428	-.04170	.00410	-.00275	.02158	.00667
2.500	1.587	.01235	.12369	.00892	.12398	.00044	-.03863	.00319	-.00265	.01847	.00979
2.500	3.632	.07357	.12121	.06575	.12562	-.00361	-.03574	.00243	-.00269	.02158	.00667
2.500	4.602	.10182	.11987	.09187	.12766	-.00541	-.03530	.00216	-.00270	.01800	.00620
2.500	5.574	.13228	.11832	.12016	.13060	-.00692	-.03426	.00188	-.00262	.01333	.01088
2.500	7.559	.19530	.11530	.17844	.13999	-.01025	-.03376	.00176	-.00273	.01644	.00776
2.500	9.623	.26598	.11209	.24350	.15498	-.01348	-.03321	.00164	-.00331	.01800	.00620
2.500	11.579	.33571	.10942	.30692	.17458	-.01698	-.03263	.00134	-.00371	.00523	.00278
2.500	12.576	.37110	.10838	.33860	.18658	-.01862	-.03228	.00110	-.00379	.01644	.00776
2.500	13.581	.40890	.10721	.37229	.20023	-.02066	-.03175	.00058	-.00381	.01333	.01088
2.500	14.554	.44286	.10559	.40211	.21349	-.02248	-.03068	-.00002	-.00368	.01488	.00932
2.500	15.587	.48177	.10425	.43604	.22987	-.02441	-.02949	-.00062	-.00363	.01644	.00776
2.500	16.548	.51633	.10271	.46569	.24552	-.02620	-.02825	-.00109	-.00361	.00461	.01149
2.500	17.540	.55357	.10102	.49739	.26316	-.02812	-.02753	-.00157	-.00364	.00866	.01554
2.500	19.625	.63298	.09757	.56344	.30450	-.03276	-.02557	-.00257	-.00361	.00772	.00838
2.500	23.551	.79047	.09109	.68823	.39934	-.04422	-.02297	-.00487	-.00333	.00414	.00791
2.500	24.554	.83133	.08957	.71893	.42692	-.04713	-.02182	-.00552	-.00296	.00975	.01041
2.500	27.583	.95956	.08441	.81150	.51917	-.05668	-.01887	-.00683	-.00295	.00772	.00838
2.500	31.631	1.13470	.06994	.92943	.65463	-.06724	-.01864	-.00649	-.00430	.00975	.01041
2.500	GRADIENT	.03011	-.00130	.02791	-.00080	-.00193	.00131	-.00035	.00002	-.00000	-.00039

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAGE 213

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A104) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 4177 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-2.337	-.10119	.11315	-.09649	.11719	-.01054	-.03381	.00282	-.00121	.01239	.00371
3.500	-.375	-.05747	.11078	-.05675	.11116	-.00922	-.03260	.00273	-.00145	.01395	.00215
3.500	1.698	-.00848	.10700	-.01165	.10671	-.00858	-.03107	.00248	-.00188	.01083	.00527
3.500	3.714	.04051	.10295	.03375	.10536	-.00834	-.02903	.00188	-.00217	.01286	.00729
3.500	4.684	.06646	.10110	.05799	.10619	-.00866	-.02845	.00163	-.00225	.01800	.00620
3.500	5.722	.09344	.09965	.08304	.10947	-.00879	-.02845	.00151	-.00237	.01597	.00418
3.500	7.724	.14878	.09740	.13434	.11651	-.00913	-.02772	.00124	-.00253	.01442	.00574
3.500	9.688	.20574	.09552	.18674	.12878	-.00952	-.02712	.00119	-.00284	.01442	.00574
3.500	11.679	.26530	.09403	.24077	.14579	-.01084	-.02622	.00072	-.00296	.01286	.00729
3.500	12.637	.29474	.09316	.26722	.15539	-.01147	-.02524	.00044	-.00291	.01442	.00574
3.500	13.668	.32714	.09217	.29610	.16686	-.01245	-.02489	.00016	-.00297	.01442	.00574
3.500	14.672	.36024	.09113	.32541	.17940	-.01365	-.02394	-.00022	-.00296	.01488	.00574
3.500	15.673	.39410	.09003	.35512	.19315	-.01513	-.02309	-.00061	-.00295	.01488	.00527
3.500	16.715	.42887	.08898	.38515	.20857	-.01664	-.02227	-.00105	-.00296	.01083	.00527
3.500	17.742	.46384	.08794	.41499	.22510	-.01825	-.02176	-.00141	-.00304	.00975	.01041
3.500	19.645	.53177	.08582	.47197	.25960	-.02113	-.02063	-.00212	-.00307	.01130	.00885
3.500	23.663	.68370	.08233	.59317	.34982	-.02852	-.01752	-.00403	-.00259	.00772	.00838
3.500	24.709	.72560	.08160	.62506	.37743	-.03008	-.01680	-.00450	-.00253	.00523	.00278
3.500	27.658	.84916	.07916	.71539	.46429	-.03540	-.01547	-.00502	-.00256	.00414	.00791
3.500	31.702	1.03310	.07461	.83975	.60638	-.04556	-.01672	-.00450	-.00306	.00570	.00636
3.500	GRADIENT	.02384	-.00175	.02197	-.00159	.00027	.00079	-.00017	-.00016	.00047	.00058

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A105) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-L1 = .000 ELV-R1 = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 404/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.424	-.10671	.13800	-.10077	.14240	.00527	-.04158	.00393	-.00242	.02672	.00558
2.500	-.421	-.04448	.13582	-.04348	.13614	.00171	-.03926	.00343	-.00237	.02267	.00153
2.500	1.552	.01335	.13185	.00978	.13216	-.00160	-.03666	.00275	-.00224	.02158	.00667
2.500	3.562	.07316	.12832	.06505	.13262	-.00572	-.03401	.00203	-.00236	.02469	.00356
2.500	4.562	.10344	.12462	.09321	.13246	-.00670	-.03318	.00176	-.00238	.02469	.00356
2.500	5.571	.13350	.12147	.12107	.13386	-.00778	-.03265	.00165	-.00233	.01955	.00465
2.500	7.582	.19784	.11785	.18056	.14292	-.01091	-.03223	.00152	-.00258	.01800	.00620
2.500	9.596	.26616	.11415	.24341	.15692	-.01399	-.03237	.00143	-.00314	.01955	.00465
2.500	11.595	.33663	.11172	.30730	.17710	-.01747	-.03162	.00122	-.00343	.01800	.00465
2.500	12.568	.37147	.11036	.33856	.18855	-.01927	-.03149	.00100	-.00363	.01800	.00620
2.500	13.564	.40738	.10902	.37045	.20152	-.02121	-.03044	.00051	-.00367	.01644	.00776
2.500	14.572	.44542	.10737	.40408	.21598	-.02295	-.02953	-.00009	-.00353	.01800	.00620
2.500	15.573	.48240	.10571	.43631	.23133	-.02476	-.02839	-.00066	-.00349	.01644	.00932
2.500	16.585	.51983	.10407	.46850	.24812	-.02662	-.02739	-.00109	-.00349	.01644	.00776
2.500	17.566	.55558	.10229	.49880	.26520	-.02826	-.02633	-.00152	-.00339	.01535	.01290
2.500	19.581	.63188	.09857	.56231	.30464	-.03274	-.02482	-.00245	-.00300	.01333	.01290
2.500	23.578	.79044	.09151	.68785	.40005	-.04404	-.02214	-.00471	-.00300	.01333	.01088
2.500	24.589	.83455	.08988	.72147	.42900	-.04741	-.02142	-.00540	-.00289	.01691	.01134
2.500	27.591	.95046	.08460	.81205	.51982	-.05676	-.01822	-.00663	-.00269	.01535	.01290
2.500	31.606	1.13910	.07520	.93070	.66102	-.06899	-.01997	-.00596	-.00337	.01691	.01134
2.500	GRADIENT	.02996	-.00188	.02765	-.00135	-.00176	.00123	-.00031	.00001	-.00014	-.00011

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 ELV-LI =
 ELV-RO =
 AILRON =
 SPDBRK =

2.000 ELV-LO =
 .000 ELV-LI =
 .000 ELV-RO =
 .000 BDFLAP =
 55.000 RUDDER =

RUN NO. 426/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.434	-.10214	.10392	-.09764	.10816	-.01571	-.03156	.00208	-.00089	.03981	.02490
4.500	-.410	-.06155	.09949	-.06084	.09992	-.01364	-.03025	.00190	-.00120	.04339	.02537
4.500	1.650	-.01873	.09482	-.02146	.09424	-.01271	-.02882	.00163	-.00156	.03622	.02443
4.500	3.628	.02427	.09028	.01850	.09163	-.01254	-.02680	.00102	-.00164	.04027	.02848
4.500	4.676	.04824	.08828	.04089	.09192	-.01242	-.02653	.00097	-.00176	.03981	.02490
4.500	5.656	.07079	.08661	.06191	.09316	-.01231	-.02626	.00090	-.00201	.03981	.02490
4.500	7.700	.12115	.08415	.10879	.09962	-.01199	-.02531	.00075	-.00224	.03622	.02443
4.500	9.620	.17103	.08209	.15490	.10951	-.01267	-.02399	.00021	-.00238	.03622	.02443
4.500	11.606	.22585	.08042	.20505	.12421	-.01349	-.02331	.00000	-.00255	.03981	.02490
4.500	12.632	.25520	.07968	.23159	.13356	-.01357	-.02242	.00017	-.00271	.03622	.02443
4.500	13.681	.28682	.07886	.26003	.14446	-.01400	-.02206	.00028	-.00274	.03514	.02957
4.500	14.625	.31620	.07831	.28618	.15561	-.01448	-.02146	.00047	-.00284	.03576	.02085
4.500	15.652	.34820	.07741	.31440	.16848	-.01506	-.02112	.00071	-.00295	.03420	.02490
4.500	16.611	.37988	.07677	.34208	.18217	-.01565	-.02051	.00086	-.00299	.03981	.02490
4.500	17.670	.41394	.07591	.37137	.19797	-.01668	-.02010	.00117	-.00300	.03622	.02443
4.500	19.617	.48130	.07475	.42827	.23200	-.01840	-.01860	.00196	-.00294	.03467	.02599
4.500	23.689	.63260	.07225	.55027	.32032	-.02440	-.01678	.00304	-.00282	.03622	.02443
4.500	24.672	.67056	.07177	.57939	.34512	-.02641	-.01662	.00326	-.00296	.03420	.02490
4.500	27.683	.79406	.07110	.67013	.43186	-.03281	-.01622	.00349	-.00314	.03264	.02396
4.500	31.778	.97531	.06862	.79298	.57195	-.04331	-.01626	.00344	-.00348	.03420	.02490
4.500	GRADIENT	.02113	-.00222	.01947	-.00229	.00043	.00074	-.00017	-.00012	-.00019	.00021

LAI131.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A106) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-L1 = .000 ELV-R1 = .000
 ELV-R0 = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 402/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.435	-1.0701	.13767	-1.0106	.14210	.00600	-.04172	.00402	-.00254	.03482	.01368
2.500	-1.473	-.04732	.13569	-.04619	.13608	.00233	-.03925	.00362	-.00228	.03887	.01773
2.500	1.649	.01632	.13144	.01253	.13186	-.00122	-.03687	.00279	-.00223	.03638	.01213
2.500	3.600	.07527	.12838	.06706	.13285	-.00547	-.03430	.00208	-.00240	.03326	.01524
2.500	4.583	.10340	.12519	.09306	.13305	-.00657	-.03323	.00190	-.00240	.03482	.01368
2.500	5.572	.13323	.12149	.12080	.13385	-.00734	-.03263	.00172	-.00232	.03482	.01368
2.500	7.550	.19642	.11793	.17922	.14272	-.01049	-.03262	.00162	-.00258	.03529	.01727
2.500	9.625	.26693	.11396	.24412	.15698	-.01341	-.03181	.00152	-.00294	.03279	.01166
2.500	11.626	.33857	.11160	.30913	.17754	-.01717	-.03147	.00122	-.00346	.03170	.01680
2.500	12.585	.37270	.11047	.33967	.18903	-.01871	-.03144	.00099	-.00355	.03015	.01836
2.500	13.517	.40645	.10918	.36968	.20116	-.02049	-.03049	.00055	-.00349	.02812	.01633
2.500	14.573	.44549	.10737	.40414	.21601	-.02250	-.02920	-.00006	-.00349	.02610	.01430
2.500	15.546	.48099	.10577	.43505	.23081	-.02446	-.02821	-.00064	-.00343	.02298	.01742
2.500	16.572	.51751	.10423	.46629	.24750	-.02588	-.02718	-.00107	-.00324	.02812	.01633
2.500	17.587	.55781	.10232	.50082	.26607	-.02784	-.02630	-.00151	-.00346	.02298	.01742
2.500	19.538	.63025	.09872	.56094	.30382	-.03208	-.02464	-.00240	-.00344	.02501	.01944
2.500	23.578	.79287	.09173	.68998	.40122	-.04372	-.02182	-.00467	-.00297	.02501	.01944
2.500	24.637	.83655	.09005	.72286	.43058	-.04711	-.02111	-.00533	-.00280	.01987	.02053
2.500	27.612	.96174	.08475	.81292	.52085	-.05664	-.01822	-.00670	-.00271	.01987	.02053
2.500	31.651	1.14130	.07512	.93209	.66283	-.06876	-.01931	-.00606	-.00338	.02237	.02614
2.500	GRADIENT	.03003	-.00176	.02771	-.00183	-.00183	.00121	-.00032	.00001	-.00032	-.00013

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A107) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = -5.000
 ELV-L1 = -5.000 ELV-R1 = -5.000
 ELV-R0 = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDPRK = 55.000 RUDDER = .000

RUN NO. 406/ 0 RN/L = 2.00 GRADIENT INTERVAL = 5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.523	-.12247	.13940	-.11621	.14665	.01429	-.04450	.00430	-.00247	-5.00320	-.00746
2.500	-.522	-.06127	.13667	-.06002	.13722	.01096	-.04175	.00381	-.00230	-5.00120	-.00940
2.500	1.640	.00320	.13235	-.00059	.13239	.00698	-.03862	.00302	-.00199	-4.99900	-.00721
2.500	3.528	.05910	.12887	.05106	.13227	.00295	-.03640	.00231	-.00215	-5.00100	-.00528
2.500	4.580	.09239	.12681	.08197	.13379	.00086	-.03488	.00187	-.00220	-5.00100	-.00528
2.500	5.604	.12220	.12225	.10967	.13360	.00029	-.03442	.00174	-.00223	-5.00320	-.00746
2.500	7.662	.18849	.11684	.17123	.14092	-.00229	-.03424	.00156	-.00242	-5.00320	-.00746
2.500	9.558	.25182	.11296	.22957	.15321	-.00439	-.03331	.00151	-.00288	-4.99900	-.00721
2.500	11.584	.32262	.10994	.29397	.17249	-.00732	-.03349	.00124	-.00336	-5.00100	-.00528
2.500	12.565	.35745	.10904	.32517	.18419	-.00875	-.03311	.00103	-.00340	-5.00560	-.01378
2.500	13.543	.39277	.10787	.35659	.19685	-.01024	-.03195	.00056	-.00340	-5.01140	-.00797
2.500	14.613	.43081	.10614	.39010	.21139	-.01183	-.03090	.00010	-.00329	-5.00700	-.00359
2.500	15.552	.46492	.10439	.41991	.22522	-.01334	-.03009	-.00068	-.00322	-5.00510	-.00553
2.500	16.645	.50560	.10241	.45508	.24295	-.01471	-.02887	-.00121	-.00321	-5.00510	-.00553
2.500	17.582	.53944	.10054	.48387	.25880	-.01608	-.02812	-.00166	-.00315	-5.01090	-.00028
2.500	19.632	.61734	.09651	.54903	.29831	-.02015	-.02584	-.00261	-.00324	-5.00900	-.00165
2.500	23.604	.77356	.08937	.67305	.39163	-.02979	-.02363	-.00490	-.00277	-5.02550	-.00266
2.500	24.605	.81538	.08783	.70478	.41934	-.03272	-.02227	-.00555	-.00263	-5.02930	-.00121
2.500	27.594	.94036	.08208	.79538	.50832	-.04069	-.01926	-.00700	-.00259	-5.03100	-.00727
2.500	31.643	1.11610	.07150	.91267	.64640	-.05094	-.02133	-.00627	-.00305	-5.03130	-.00315
2.500	GRADIENT	.03012	-.00180	.02778	-.00154	-.00191	.00135	-.00035	.00004	.00028	.00046

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000
 ELV-L1 = -5.000
 ELV-R0 = -5.000
 AILRON = .000
 SPOBRK = 55.000

ELV-LO = -5.000
 ELV-R1 = -5.000
 ELEVON = -5.000
 BOFLAP = .000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 418/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.389	.11382	-.10436	.11827	-.00542	-.03412	.00293	-.00088	-4.98810	.00372
3.500	-.399	.11108	-.06360	.11152	-.00438	-.03258	.00284	-.00133	-4.99220	.00347
3.500	1.686	.10729	-.01785	.10681	-.00384	-.03117	.00255	-.00157	-4.98810	.00372
3.500	3.632	.10302	.02664	.10492	-.00384	-.02915	.00192	-.00193	-4.99030	.00154
3.500	4.648	.10104	.05110	.10553	-.00413	-.02876	.00165	-.00205	-4.99610	.00735
3.500	5.720	.09928	.07684	.10748	-.00408	-.02844	.00154	-.00212	-4.99440	.00129
3.500	7.696	.09709	.12659	.11508	-.00387	-.02772	.00127	-.00228	-4.99660	-.00090
3.500	9.632	.09519	.17743	.12566	-.00351	-.02702	.00123	-.00254	-4.99420	-.00541
3.500	11.612	.09339	.23040	.14269	-.00398	-.02598	.00079	-.00262	-4.99030	.00154
3.500	12.648	.09240	.25913	.15285	-.00449	-.02532	.00044	-.00261	-5.00070	-.00115
3.500	13.685	.09133	.28738	.16398	-.00509	-.02476	.00020	-.00266	-5.00290	-.00334
3.500	14.689	.09021	.31633	.17618	-.00591	-.02422	-.00021	-.00266	-5.00460	.00272
3.500	15.704	.08908	.34608	.18984	-.00691	-.02306	-.00057	-.00265	-5.00430	.00684
3.500	16.654	.08818	.37276	.20354	-.00788	-.02244	-.00098	-.00269	-5.00850	.00659
3.500	17.696	.08697	.40316	.21992	-.00863	-.02172	-.00134	-.00270	-5.01070	.00441
3.500	19.652	.08461	.46030	.25423	-.01083	-.02039	-.00207	-.00265	-5.01070	.00441
3.500	23.630	.08060	.57854	.34110	-.01629	-.01770	-.00403	-.00217	-5.02280	.00778
3.500	24.706	.07971	.61066	.36869	-.01748	-.01678	-.00449	-.00208	-5.02250	.01190
3.500	27.722	.07685	.70244	.45596	-.02114	-.01555	-.00495	-.00214	-5.01870	.00803
3.500	31.677	.07146	.82282	.59170	-.02893	-.01680	-.00446	-.00256	-5.01870	.00803
3.500	GRADIENT	-.00185	.02211	-.00183	.00018	.00079	-.00019	-.00017	-.00069	.00022

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 BETA = 2.000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 429/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.435	-.10834	.10487	-.10378	.10938	-.01204	-.03143	.00212	-.00053	-5.02590	.02402
4.500	-.416	-.06829	.10019	-.06756	.10069	-.01037	-.03027	.00189	-.00091	-5.02830	.01771
4.500	1.680	-.02357	.09536	-.02636	.09462	-.00954	-.02882	.00167	-.00132	-5.02200	.02015
4.500	3.633	.01842	.09079	.01263	.09178	-.00951	-.02709	.00100	-.00152	-5.03030	.01965
4.500	4.655	.04101	.08858	.03369	.09162	-.00916	-.02654	.00097	-.00163	-5.02610	.01990
4.500	5.652	.06456	.08692	.05569	.09285	-.00867	-.02613	.00088	-.00182	-5.02810	.02183
4.500	7.650	.11263	.08447	.10038	.09871	-.00786	-.02530	.00081	-.00206	-5.02400	.02209
4.500	9.711	.16633	.08218	.15008	.10906	-.00796	-.02399	.00024	-.00222	-5.02980	.02789
4.500	11.636	.21844	.08053	.19771	.12293	-.00820	-.02304	.00002	-.00241	-5.02780	.02596
4.500	12.612	.24542	.07961	.22211	.13127	-.00807	-.02256	-.00017	-.00250	-5.03410	.02352
4.500	13.647	.27569	.07881	.24931	.14163	-.00788	-.02193	-.00030	-.00257	-5.02980	.02789
4.500	14.662	.30641	.07802	.27669	.15304	-.00782	-.02159	-.00049	-.00265	-5.02590	.02402
4.500	15.647	.33747	.07727	.30412	.16543	-.00802	-.02110	-.00068	-.00274	-5.02590	.02402
4.500	16.614	.36863	.07639	.33139	.17861	-.00826	-.02050	-.00088	-.00277	-5.02810	.02183
4.500	17.642	.40223	.07553	.36042	.19388	-.00852	-.02008	-.00119	-.00277	-5.02400	.02209
4.500	19.698	.47048	.07399	.41801	.22824	-.00935	-.01845	-.00201	-.00262	-5.02400	.02209
4.500	23.673	.61543	.07108	.53510	.31220	-.01327	-.01677	-.00304	-.00247	-5.03030	.01965
4.500	24.703	.65566	.07063	.56614	.33817	-.01499	-.01646	-.00320	-.00254	-5.03030	.01965
4.500	27.665	.77406	.06955	.65328	.42100	-.01916	-.01619	-.00344	-.00274	-5.02830	.01771
4.500	31.698	.94877	.06610	.77251	.55476	-.02726	-.01640	-.00354	-.00298	-5.02830	.01771
4.500	GRADIENT	.02112	-.00230	.01945	-.00250	.00037	.00071	-.00017	-.00016	-.00015	-.00037

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.9100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 ELV-L1 =
 ELV-R0 =
 AILRON =
 SPDBRK =

.000 ELV-LO = -5.000
 -5.000 ELV-R1 = -5.000
 -5.000 ELEVON = -5.000
 .000 BDFLAP = .000
 55.000 RUDDER = .000

RUN NO. 405/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.424	-1.1849	.13941	-1.1249	.14430	.01422	-.04215	.00406	-.00223	-5.03320	.00509
2.500	-5.519	-.06108	.13530	-.05985	.13585	.01203	-.00205	.00081	.00008	-5.04100	.01283
2.500	1.607	.00406	.13165	.00037	.13171	.00768	-.00197	.00090	.00000	-5.04290	.01477
2.500	3.641	.06445	.12794	.05620	.13178	.00353	-.00233	.00091	-.00009	-5.04730	.01039
2.500	4.599	.09312	.12520	.08279	.13226	.00148	-.00194	.00090	-.00001	-5.04510	.01258
2.500	5.636	.12308	.11916	.11078	.13067	.00081	-.00198	.00104	-.00008	-5.04290	.01477
2.500	7.641	.18720	.11537	.17020	.13924	-.00140	-.00170	.00106	-.00019	-5.04310	.01065
2.500	9.577	.24991	.11262	.22770	.15262	-.00318	-.00165	.00099	-.00015	-5.03710	.00896
2.500	11.529	.31922	.10969	.29086	.17127	-.00591	-.00182	.00109	-.00022	-5.03680	.01308
2.500	12.655	.36045	.10788	.32806	.18423	-.00770	-.00152	.00106	-.00020	-5.03460	.01527
2.500	13.556	.39209	.10654	.35619	.19548	-.00933	-.00131	.00108	-.00018	-5.03680	.01308
2.500	14.610	.42958	.10471	.38928	.20969	-.01103	-.00163	.00106	-.00012	-5.03710	.00896
2.500	15.574	.46732	.10317	.42246	.22484	-.01266	-.00132	.00114	-.00020	-5.03900	.01090
2.500	16.518	.50109	.10203	.45140	.24029	-.01406	-.00128	.00118	-.00008	-5.03680	.01308
2.500	17.571	.53987	.10042	.48437	.25872	-.01583	-.00154	.00111	-.00021	-5.03490	.01115
2.500	19.624	.61547	.09737	.54702	.29842	-.01914	-.00135	.00097	-.00009	-5.03710	.00896
2.500	23.625	.77442	.09032	.67331	.39310	-.02885	-.00047	.00050	-.00015	-5.03490	.01115
2.500	24.637	.81605	.08877	.70476	.42088	-.03229	-.00037	.00047	.00022	-5.03680	.01308
2.500	27.641	.94165	.08213	.79608	.50961	-.03988	.00070	.00048	.00017	-5.03900	.01090
2.500	31.760	1.12100	.07117	.91569	.65057	-.05126	.00034	.00094	.00024	-5.03320	.00509
2.500	GRADIENT	.03015	-.00195	.02783	-.00160	-.00186	.00453	-.00035	.00024	-.00171	.00070

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 419/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.340	-1.0834	.11402	-1.0359	.11834	-.00481	.00064	.00073	.00005	-4.99080	-.00671
3.500	-.371	-.06314	.10940	-.06243	.10980	-.00436	.00039	.00077	-.00001	-4.99440	-.00129
3.500	1.710	-.01401	.10625	-.01718	.10578	-.00367	.00046	.00080	.00001	-4.99270	-.00477
3.500	3.684	.03263	.10292	.02595	.10480	-.00319	.00077	.00073	.00006	-4.99470	-.00284
3.500	4.629	.05716	.10105	.04882	.10533	-.00200	.00087	.00068	-.00000	-4.99270	-.00477
3.500	5.684	.08557	.09899	.07535	.10698	-.00352	.00077	.00067	-.00003	-4.99080	-.00671
3.500	7.662	.13828	.09681	.12513	.11452	-.00338	.00078	.00069	.00001	-4.99560	-.00090
3.500	9.682	.19705	.09487	.17829	.12666	-.00337	.00034	.00077	-.00003	-4.99490	-.00696
3.500	11.659	.25549	.09324	.23138	.14295	-.00396	.00036	.00078	-.00003	-4.99680	-.00503
3.500	12.680	.28608	.09227	.25885	.15282	-.00433	.00053	.00079	.00006	-4.99470	-.00284
3.500	13.728	.31917	.09132	.28838	.16445	-.00488	.00060	.00078	.00011	-4.98860	-.00452
3.500	14.659	.34951	.09041	.31526	.17591	-.00558	.00077	.00078	.00015	-4.98860	-.00452
3.500	15.648	.38196	.08915	.34376	.18887	-.00654	.00073	.00077	.00018	-4.99080	-.00671
3.500	16.611	.41344	.08806	.37101	.20258	-.00736	.00077	.00074	.00015	-4.98890	-.00865
3.500	17.652	.44833	.08706	.40082	.21891	-.00853	.00101	.00073	.00023	-4.99080	-.00671
3.500	19.647	.51780	.08437	.45929	.25356	-.01082	.00076	.00063	.00025	-4.99580	-.00503
3.500	23.708	.66870	.08032	.57998	.34241	-.01580	.00124	.00056	.00035	-5.00070	-.00115
3.500	24.674	.70672	.07998	.60881	.36770	-.01687	.00137	.00049	.00042	-4.99880	-.00309
3.500	27.682	.83087	.07720	.69990	.45436	-.02002	.00170	.00030	.00044	-5.00510	-.00553
3.500	31.737	1.01280	.07131	.82382	.59339	-.02928	.00182	.00049	.00049	-5.00900	-.00165
3.500	.02368	.02368	-.00180	.02181	-.00179	.00027	.00004	-.00001	-.00000	-.00026	.00002

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A108) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000
 ELV-LI = -5.000
 ELV-RI = -5.000
 ELV-RO = -5.000
 AILRON = .000
 BDFLAP = .000
 SPDRBK = 55.000
 RUDDER = .000
 ELV-LO = -5.000
 ELV-RI = -5.000
 ELV-RO = -5.000
 BDFLAP = .000
 RUDDER = .000

RUN NO. 428/ 0 RN/L = 2.00 GRADIENT INTERVAL = 5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.317	-1.0645	.10454	-.10213	.10875	-.01210	-.00026	.00065	-.00004	-4.99780	.01341
4.500	-.275	-.06434	.09899	-.06387	.09929	-.01085	.00006	.00062	.00000	-4.99630	.00322
4.500	1.687	-.02231	.09465	-.02509	.09395	-.01021	.00011	.00053	.00003	-4.99610	.00735
4.500	3.677	.01891	.09082	.01305	.09185	-.00890	.00012	.00051	.00002	-4.99830	.00516
4.500	4.736	.04250	.08648	.03505	.09170	-.00828	.00016	.00053	-.00002	-4.99800	.00928
4.500	5.660	.06377	.08423	.05493	.09235	-.00824	-.00004	.00050	-.00001	-5.00020	.00710
4.500	7.648	.11333	.08423	.10112	.09856	-.00780	.00009	.00049	.00000	-5.00020	.00710
4.500	9.639	.16440	.08227	.14830	.10863	-.00747	-.00006	.00052	.00003	-4.99610	.00735
4.500	11.620	.21744	.08070	.19673	.12284	-.00766	.00008	.00050	.00006	-5.00240	.00491
4.500	12.654	.24632	.07970	.22288	.13173	-.00735	.00002	.00051	.00007	-4.99800	.00928
4.500	13.697	.27753	.07883	.25097	.14231	-.00751	-.00004	.00051	.00006	-5.00410	.01097
4.500	14.686	.30741	.07800	.27759	.15338	-.00760	.00045	.00049	.00019	-5.00020	.00710
4.500	15.625	.33642	.07709	.30322	.16485	-.00797	.00051	.00041	.00023	-5.00000	.01122
4.500	16.660	.36996	.07610	.33262	.17897	-.00827	.00085	.00039	.00031	-5.00190	.01316
4.500	17.646	.40124	.07536	.35952	.19344	-.00840	.00116	.00036	.00037	-4.99560	.01559
4.500	19.654	.46913	.07377	.41699	.22726	-.00938	.00137	.00027	.00047	-5.00410	.01097
4.500	23.680	.61602	.07102	.53563	.31246	-.01298	.00152	.00015	.00054	-5.00770	.01897
4.500	24.635	.65283	.07092	.56385	.33658	-.01396	.00170	.00016	.00058	-5.01230	.01047
4.500	27.636	.77185	.06969	.65146	.41977	-.01822	.00157	.00027	.00067	-5.01620	.01434
4.500	31.710	.94993	.06616	.77336	.55558	-.02675	.00211	.00007	.00094	-5.02780	.02596
4.500	GRADIENT	.02109	-.00224	.01943	-.00236	.00053	.00002	-.00002	.00000	-.00012	-.00043

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-L1 = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AIRLON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 409/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
2.500	-2.451	-.09583	.13791	-.08984	.14188	-.00257	-.00233	.00066	-.00011	5.01690	.00197
2.500	-.519	-.03693	.13400	-.03571	.13433	-.00620	-.00212	.00062	-.00010	5.01190	.00291
2.500	1.552	.02428	.13113	.02072	.13174	-.00998	-.00203	.00075	-.00018	5.01190	.00291
2.500	3.532	.08294	.12756	.07493	.13243	-.01328	-.00214	.00084	-.00029	5.00450	.01031
2.500	4.556	.11320	.12315	.10306	.13175	-.01437	-.00150	.00091	-.00029	5.00250	.00829
2.500	5.585	.14337	.12117	.13089	.13455	-.01656	-.00172	.00095	-.00018	5.00250	.00829
2.500	7.603	.21012	.11818	.19264	.14494	-.02053	-.00154	.00091	-.00028	4.99950	.01125
2.500	9.522	.27422	.11554	.25133	.15931	-.02360	-.00163	.00094	-.00029	4.99700	.00574
2.500	11.580	.34798	.11302	.31821	.18058	-.02782	-.00135	.00099	-.00021	5.00250	.00829
2.500	12.634	.38742	.11142	.35367	.19346	-.03015	-.00097	.00098	-.00033	5.00100	.00977
2.500	13.652	.42477	.10992	.38683	.20707	-.03242	-.00138	.00098	-.00017	5.00250	.00829
2.500	14.540	.45750	.10876	.41554	.22014	-.03470	-.00124	.00099	-.00025	5.00250	.00829
2.500	15.586	.49646	.10742	.44934	.23686	-.03715	-.00117	.00104	-.00021	4.99810	.01273
2.500	16.636	.53589	.10629	.48303	.25227	-.03939	-.00144	.00103	-.00012	5.00010	.01474
2.500	17.594	.57306	.10495	.51453	.26727	-.04185	-.00092	.00107	-.00010	5.00010	.01125
2.500	19.602	.64939	.10220	.57746	.27327	-.04676	-.00087	.00091	-.00010	5.00300	.01178
2.500	23.616	.81263	.09617	.70605	.41366	-.06034	-.00016	.00060	-.00009	5.00250	.00829
2.500	24.640	.85605	.09473	.73861	.44300	-.06415	-.00004	.00052	-.00006	5.00300	.01178
2.500	27.579	.98551	.09018	.83177	.53620	-.07603	-.00153	.00034	-.00000	5.00100	.00977
2.500	31.664	1.16770	.08115	.95127	.68204	-.09048	-.00101	.00089	-.00006	4.99400	.00870
2.500	GRADIENT	.02978	-.00195	.02748	-.00126	-.00171	.00008	.00004	-.00003	-.00198	.00112

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A109) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 420/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CRL	ELEVON	AILRON
3.500	-2.413	-.09642	.11386	-.09154	.11782	-.01500	.00050	.00067	-.00001	5.03210	.02306
3.500	-4.412	-.05124	.10964	-.05045	.11001	-.01415	.00056	.00070	-.00000	5.03800	-.01715
3.500	1.669	-.00209	.10668	-.00520	.10657	-.01336	.00063	.00071	-.00001	5.03850	.02064
3.500	3.702	.04668	.10367	.03989	.10647	-.01311	.00083	.00063	.00004	5.03850	.02064
3.500	4.694	.07294	.10200	.06435	.10762	-.01346	.00083	.00059	-.00002	5.03800	-.01715
3.500	5.701	.10019	.10011	.08975	.10957	-.01457	.00072	.00058	.00002	5.03950	.01567
3.500	7.672	.15629	.09815	.14179	.11814	-.01553	.00044	.00069	-.00003	5.04150	.01769
3.500	9.668	.21398	.09649	.19474	.13105	-.01726	.00028	.00067	.00001	5.03300	.01809
3.500	11.669	.27577	.09517	.25082	.14897	-.01923	.00041	.00068	.00006	5.03650	.01863
3.500	12.649	.30647	.09453	.27833	.15935	-.02058	.00068	.00068	.00013	5.03450	.01661
3.500	13.704	.34106	.09374	.30914	.17188	-.02213	.00044	.00068	.00008	5.03210	.02306
3.500	14.624	.37161	.09298	.33609	.18379	-.02371	.00091	.00068	.00020	5.03600	.01513
3.500	15.703	.40827	.09194	.36815	.19900	-.02545	.00087	.00063	.00016	5.03800	.01715
3.500	16.705	.44173	.09106	.39691	.21419	-.02759	.00080	.00060	.00021	5.03210	.02306
3.500	17.703	.47652	.09013	.42655	.23076	-.02972	.00092	.00053	.00027	5.03450	.01661
3.500	19.639	.54654	.08825	.48508	.26681	-.03399	.00088	.00048	.00029	5.03650	.01863
3.500	23.671	.70276	.08581	.60918	.36073	-.04319	.00124	.00040	.00037	5.03650	.01863
3.500	24.627	.74089	.08572	.63778	.38666	-.04497	.00129	.00041	.00033	5.04000	.01917
3.500	27.654	.86992	.08441	.73137	.47853	-.05194	.00191	.00016	.00044	5.03650	.01863
3.500	31.824	1.06360	.08076	.86114	.62947	-.06584	.00204	.00043	.00044	5.03890	.01218
3.500	GRADIENT	.02377	-.00162	.02189	-.00137	.00024	.00005	-.00001	.00000	.00071	-.00042

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(17A109) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-L1 = 5.000 ELV-R1 = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 431 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.448	-.09944	.10466	-.09488	.10881	-.01884	-.00042	.00064	-.00007	5.02550	5.000
4.500	-.352	-.05785	.09939	-.05724	.09974	-.01756	-.00065	.00060	-.00005	5.02140	.00950
4.500	1.636	-.01536	.09498	-.01807	.09450	-.01704	-.00048	.00047	-.00001	5.02200	.01299
4.500	3.658	.02824	.09141	.02235	.09303	-.01607	-.00033	.00047	-.00004	5.01900	.01595
4.500	4.660	.05088	.08950	.04344	.09334	-.01585	-.00047	.00049	.00004	5.02400	.01500
4.500	5.722	.07719	.08717	.06811	.09443	-.01649	-.00035	.00042	.00002	5.01960	.01944
4.500	7.685	.12612	.08530	.11358	.10139	-.01758	-.00050	.00045	.00001	5.02100	.01796
4.500	9.648	.17847	.08391	.16188	.11263	-.01824	-.00038	.00047	.00005	5.02250	.01648
4.500	11.670	.23418	.08214	.21273	.12781	-.01979	-.00051	.00050	.00004	5.02100	.01796
4.500	12.661	.26405	.08167	.23973	.13756	-.02050	-.00017	.00042	.00014	5.02100	.01796
4.500	13.677	.29564	.08099	.26811	.14860	-.02181	.00004	.00044	.00018	5.01960	.01944
4.500	14.606	.32497	.08047	.29417	.15982	-.02280	.00024	.00036	.00024	5.02450	.01850
4.500	15.698	.35995	.07975	.32494	.17417	-.02408	.00031	.00032	.00027	5.02160	.02145
4.500	16.648	.39195	.07901	.35288	.18799	-.02543	.00051	.00028	.00036	5.01960	.01944
4.500	17.701	.42734	.07841	.38327	.20464	-.02690	.00067	.00021	.00041	5.01960	.01944
4.500	19.652	.49600	.07735	.44110	.23965	-.02991	.00073	.00008	.00044	5.02160	.02145
4.500	23.639	.64674	.07584	.56206	.32880	-.03854	.00113	-.00008	.00059	5.01810	.02092
4.500	24.705	.68932	.07582	.59454	.35698	-.04097	.00145	-.00012	.00062	5.02250	.01648
4.500	27.675	.81310	.07584	.68486	.44481	-.04870	.00130	-.00005	.00071	5.01900	.01595
4.500	31.683	.99368	.07340	.80704	.58436	-.06366	.00170	-.00033	.00081	5.02050	.01447
4.500	GRADIENT	.02118	-.00211	.01950	-.00214	.00041	.00001	-.00002	.00002	-.00038	.00051

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6600 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDGRK = 55.000 RUDDER = .000

RUN NO. 410/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.441	-.09557	.13758	-.08962	.14153	-.00409	-.04238	.00397	-.00262	5.01780	-.00300
2.500	-.434	-.03324	.13555	-.03221	.13580	-.00772	-.04028	.00348	-.00250	5.01540	-.00345
2.500	1.550	.02438	.13202	.02080	.13263	-.01069	-.03773	.00268	-.00240	5.01490	-.00004
2.500	3.545	.08403	.12784	.07597	.13279	-.01412	-.03474	.00207	-.00255	5.01540	.00345
2.500	4.590	.11325	.12448	.10292	.13314	-.01521	-.03375	.00189	-.00249	5.01340	.00144
2.500	5.577	.14458	.12248	.13199	.13595	-.01716	-.03362	.00168	-.00249	5.01040	.00439
2.500	7.562	.20838	.11924	.19087	.14562	-.02115	-.03291	.00149	-.00255	5.00690	.00386
2.500	9.659	.28128	.11532	.25794	.16088	-.02491	-.03282	.00142	-.00324	5.00900	.00587
2.500	11.582	.35035	.11304	.32052	.18108	-.02891	-.03192	.00111	-.00356	5.00450	.01031
2.500	12.570	.38564	.11202	.35202	.19326	-.03079	-.03228	.00080	-.00357	5.00300	.01178
2.500	13.563	.42224	.11089	.38446	.20682	-.03298	-.03081	.00032	-.00358	5.00600	.00883
2.500	14.587	.46052	.10929	.41815	.22175	-.03526	-.02967	-.00035	-.00353	5.00450	.01031
2.500	15.577	.49771	.10827	.45035	.23794	-.03749	-.02847	-.00088	-.00345	5.00300	.01178
2.500	16.560	.53522	.10705	.48251	.25516	-.03984	-.02747	-.00132	-.00350	5.00250	.00829
2.500	17.577	.57262	.10517	.51412	.27318	-.04202	-.02687	-.00179	-.00351	5.00200	.00480
2.500	19.592	.65042	.10198	.57857	.31418	-.04775	-.02482	-.00264	-.00357	5.00450	.01031
2.500	23.598	.81278	.09532	.70655	.41272	-.06101	-.02268	-.00491	-.00314	5.00250	.00829
2.500	24.567	.85389	.09383	.73758	.44035	-.06470	-.02155	-.00547	-.00307	5.00200	.00480
2.500	27.576	.98312	.08928	.83010	.53425	-.07598	-.01872	-.00694	-.00295	4.99900	.00775
2.500	31.588	1.16200	.08057	.94762	.67730	-.08967	-.01920	-.00638	-.00379	4.99550	.00722
2.500	GRADIENT	.02969	-.00185	.02737	-.00114	-.00160	.00126	-.00031	.00001	-.00048	.00053

DATE 25 JUN 80

LAI31 (LARC UPMT 1299)

PAGE 227

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A110) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 4217 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.364	-.09522	.11326	-.09046	.11709	-.01546	-.03390	.00280	-.00130	5.05050	.02078
3.500	-.330	-.04935	.11094	-.04871	.11123	-.01412	-.03239	.00263	-.00153	5.04350	.01970
3.500	1.650	-.00254	.10771	-.00564	.10760	-.01361	-.03089	.00238	-.00190	5.04700	.02024
3.500	3.672	.04713	.10366	.04039	.10647	-.01383	-.02905	.00184	-.00223	5.04700	.02024
3.500	4.652	.07300	.10184	.06450	.10743	-.01451	-.02835	.00159	-.00231	5.04550	.02172
3.500	5.696	.10063	.10048	.09016	.10998	-.01502	-.02825	.00145	-.00242	5.04050	.02266
3.500	7.667	.15630	.09852	.14176	.11849	-.01613	-.02732	.00117	-.00255	5.04850	.01876
3.500	9.670	.21415	.09667	.19487	.13127	-.01755	-.02704	.00112	-.00288	5.04500	.02024
3.500	11.642	.27468	.09551	.24975	.14898	-.01942	-.02582	.00067	-.00294	5.04700	.02024
3.500	12.650	.30583	.09469	.27767	.15937	-.02060	-.02516	.00034	-.00291	5.04350	.01970
3.500	13.677	.34005	.09392	.30820	.17166	-.02213	-.02451	.00012	-.00292	5.04700	.02024
3.500	14.624	.37146	.09308	.33593	.18365	-.02384	-.02367	-.00027	-.00292	5.04400	.02320
3.500	15.673	.40695	.09208	.36694	.19860	-.02577	-.02293	-.00069	-.00289	5.04200	.02118
3.500	16.650	.44072	.09138	.39606	.21383	-.02767	-.02210	-.00111	-.00287	5.04990	.01728
3.500	17.644	.47478	.09056	.42500	.23020	-.02974	-.02159	-.00146	-.00292	5.04350	.01970
3.500	19.693	.54859	.08865	.48664	.26832	-.03407	-.02004	-.00222	-.00293	5.04750	.02373
3.500	23.633	.70080	.08612	.60750	.35983	-.04366	-.01737	-.00416	-.00249	5.04050	.02266
3.500	24.676	.74347	.08559	.63984	.38816	-.04588	-.01646	-.00463	-.00239	5.04700	.02024
3.500	27.677	.87066	.08384	.73210	.47865	-.05292	-.01513	-.00514	-.00242	5.04500	.01822
3.500	31.649	1.05500	.08070	.85574	.62226	-.06550	-.01618	-.00467	-.00290	5.04200	.02118
3.500	GRADIENT	.02395	-.00166	.02207	-.00139	.00014	.00087	-.00018	-.00015	-.00036	.00011

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A110) (24 JUN 80)

PARAMETRIC DATA

BETA = 2.000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-R1 = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 430/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.440	-.0958	.10452	-.09504	.10866	-.01883	-.03155	.00207	-.00096	5.02100	.01796
4.500	-.392	-.05853	.10006	-.05785	.10046	-.01690	-.03013	.00183	-.00119	5.01860	.02441
4.500	1.704	-.01429	.09552	-.01712	.09506	-.01606	-.02869	.00158	-.00153	5.01860	.02441
4.500	3.724	.03046	.09090	.02449	.09269	-.01650	-.02695	.00096	-.00167	5.02250	.01648
4.500	4.700	.05303	.08932	.04553	.09337	-.01665	-.02640	.00095	-.00175	5.02510	.02199
4.500	5.712	.07693	.08772	.06782	.09494	-.01689	-.02627	.00087	-.00200	5.01810	.02092
4.500	7.690	.12627	.08552	.11369	.10165	-.01748	-.02545	.00075	-.00227	5.02010	.02293
4.500	9.650	.17848	.08368	.16193	.11242	-.01876	-.02387	.00021	-.00234	5.02510	.02199
4.500	11.733	.23688	.08196	.21526	.12841	-.02030	-.02305	-.00008	-.00257	5.01860	.02441
4.500	12.709	.26620	.08138	.24177	.13795	-.02115	-.02230	-.00024	-.00261	5.02160	.02145
4.500	13.686	.29591	.08097	.26835	.14868	-.02211	-.02196	-.00036	-.00267	5.02400	.01500
4.500	14.646	.32619	.08049	.29524	.16035	-.02309	-.02149	-.00053	-.00271	5.02450	.01850
4.500	15.696	.36058	.07983	.32554	.17440	-.02427	-.02102	-.00079	-.00284	5.02310	.01998
4.500	16.705	.39438	.07924	.35496	.18926	-.02559	-.02069	-.00096	-.00287	5.01660	.02240
4.500	17.716	.42792	.07871	.38368	.20519	-.02701	-.01987	-.00130	-.00283	5.02100	.01796
4.500	19.608	.49436	.07783	.43957	.23921	-.02989	-.01852	-.00211	-.00271	5.01960	.01944
4.500	23.681	.64858	.07604	.56343	.33014	-.03889	-.01644	-.00323	-.00262	5.01810	.02092
4.500	24.657	.68752	.07596	.59314	.35585	-.04139	-.01627	-.00339	-.00270	5.01900	.01595
4.500	27.640	.81220	.07603	.68424	.44415	-.04941	-.01604	-.00372	-.00286	5.02250	.01648
4.500	31.693	.99437	.07434	.80703	.58566	-.06306	-.01609	-.00363	-.00317	5.01160	.02334
4.500	GRADIENT	.02138	-.00216	.01971	-.00215	.00028	.00073	-.00017	-.00011	.00060	-.00002

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -2.500
 ELV-L1 = -2.500 ELV-R1 = -7.500
 ELV-RO = -7.500 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 411/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.435	-.11982	.13963	-.11378	.14460	.01514	-.00246	.00118	.00149	-5.01830	2.51310
2.500	-.416	-.05753	.13463	-.05655	.13504	.01092	-.00256	.00106	.00138	-5.02940	2.52020
2.500	1.614	.00452	.13141	.00082	.13149	.00694	-.00228	.00099	.00136	-5.02440	2.51920
2.500	3.573	.06212	.12804	.05402	.13166	.00299	-.00165	.00092	.00133	-5.03050	2.52520
2.500	4.580	.09184	.12438	.08162	.13132	.00102	-.00203	.00089	.00135	-5.03660	2.53130
2.500	5.549	.12131	.11932	.10920	.13049	.00018	-.00122	.00102	.00119	-5.04770	2.53850
2.500	7.581	.18537	.11565	.16849	.13909	-.00225	-.00088	.00100	.00116	-5.03870	2.54140
2.500	9.595	.25262	.11244	.23035	.15297	-.00424	-.00107	.00082	.00114	-5.04980	2.54850
2.500	11.582	.32155	.10928	.29306	.17162	-.00705	-.00102	.00091	.00124	-5.03870	2.54140
2.500	12.564	.35662	.10785	.32462	.18284	-.00856	-.00096	.00088	.00124	-5.04280	2.54940
2.500	13.556	.39294	.10637	.35706	.19551	-.01021	-.00098	.00089	.00128	-5.03170	2.54230
2.500	14.563	.42960	.10474	.38946	.20940	-.01220	-.00107	.00091	.00130	-5.03170	2.54230
2.500	15.605	.46813	.10300	.42317	.22513	-.01383	-.00101	.00094	.00140	-5.02980	2.54420
2.500	16.575	.50208	.10172	.45220	.24072	-.01531	-.00145	.00091	.00150	-5.03480	2.54530
2.500	17.578	.54056	.10038	.48500	.25895	-.01683	-.00110	.00087	.00153	-5.03480	2.54530
2.500	19.571	.61387	.09738	.54579	.29738	-.02021	-.00098	.00077	.00176	-5.03170	2.54230
2.500	23.566	.77264	.09012	.67203	.39175	-.03004	-.00016	.00020	.00208	-5.03680	2.54330
2.500	24.592	.81385	.08865	.70313	.41929	-.03312	-.00018	.00010	.00212	-5.04180	2.54440
2.500	27.585	.94105	.08197	.79612	.50841	-.04153	.00125	.00030	.00233	-5.05480	2.54960
2.500	31.616	1.11610	.07148	.91294	.64593	-.05223	.00105	.00048	.00250	-5.04980	2.54850
2.500	GRADIENT	.03016	-.00204	.02784	-.00172	-.00202	.00010	-.00004	-.00002	-.00203	.00223

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -2.500
 ELV-L1 = -2.500 ELV-RT = -7.500
 ELV-R0 = -7.500 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.345	-1.10808	.11392	-1.10333	.11825	-.00524	-.00002	.00088	.00095	-5.00100	2.48780
3.500	-1.339	-.06256	.10935	-.06191	.10972	-.00468	.00005	.00092	.00075	-4.99290	2.48370
3.500	1.664	-.01520	.10632	-.01628	.10583	-.00403	.00022	.00088	.00074	-4.99290	2.48370
3.500	3.639	.03185	.10288	.02526	.10470	-.00355	.00010	.00078	.00072	-4.99490	2.48170
3.500	4.664	.05776	.10091	.04936	.10527	-.00353	.00031	.00069	.00064	-5.00100	2.48780
3.500	5.661	.08404	.09879	.07388	.10660	-.00409	.00031	.00066	.00063	-5.00100	2.48780
3.500	7.659	.13891	.09676	.12477	.11441	-.00393	.00000	.00068	.00072	-4.99800	2.48480
3.500	9.648	.19609	.09468	.17745	.12620	-.00395	-.00004	.00074	.00079	-4.99800	2.48480
3.500	11.631	.25458	.09323	.23056	.14264	-.00436	.00028	.00069	.00093	-5.00100	2.48780
3.500	12.637	.28525	.09226	.25816	.15243	-.00504	.00024	.00065	.00100	-5.00600	2.48890
3.500	13.677	.31851	.09145	.28786	.16417	-.00548	.00020	.00066	.00105	-5.00400	2.49090
3.500	14.634	.34874	.09038	.31460	.17555	-.00628	.00046	.00062	.00112	-5.00710	2.49390
3.500	15.630	.38116	.08915	.34305	.18854	-.00726	.00062	.00057	.00120	-5.00910	2.49190
3.500	16.677	.41578	.08809	.37301	.20370	-.00823	.00065	.00052	.00130	-5.01320	2.50000
3.500	17.677	.44931	.08699	.40168	.21931	-.00953	.00078	.00046	.00136	-5.02120	2.50410
3.500	19.680	.51888	.08446	.46012	.25427	-.01183	.00083	.00033	.00156	-5.03320	2.50420
3.500	23.668	.66745	.08023	.57910	.34142	-.01699	.00106	.00019	.00183	-5.02610	2.49310
3.500	24.666	.70643	.08000	.60859	.36751	-.01803	.00119	.00009	.00192	-5.02610	2.49310
3.500	27.672	.83151	.07753	.70039	.45482	-.02110	.00191	-.00009	.00223	-5.01800	2.48900
3.500	31.640	1.00810	.07143	.82077	.58964	-.03070	.00248	-.00010	.00263	-5.02500	2.48810
3.500	GRADIENT	.02364	-.00181	.02178	-.00178	.00026	.00004	-.00003	-.00002	.00001	-.00021

RUN NO. 422/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A111) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -2.500
 ELV-LI = -2.500 ELV-RI = -7.500
 ELV-RO = -7.500 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDRBK = 55.000 RUDDER = .000

RUN NO. 432/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.363	-1.10667	.10471	-1.10226	.10902	-.01265	-.00056	.00080	.00062	-5.00420	2.50290
4.500	-3.370	-.06653	.09949	-.06589	.09992	-.01128	-.00051	.00077	.00055	-5.00220	2.50490
4.500	1.689	-.02265	.09467	-.02543	.09396	-.01074	-.00047	.00062	.00048	-5.00120	2.49980
4.500	3.703	.02047	.09079	.01456	.09193	-.00929	-.00046	.00054	.00046	-5.00120	2.49980
4.500	4.700	.04219	.08855	.03479	.09171	-.00884	-.00047	.00053	.00047	-5.00220	2.50490
4.500	5.681	.06581	.08656	.05692	.09265	-.00863	-.00007	.00053	.00055	-5.00420	2.50290
4.500	7.698	.11391	.08412	.10161	.09862	-.00859	-.00023	.00051	.00060	-5.00530	2.50790
4.500	9.632	.16403	.08230	.14795	.10858	-.00817	-.00039	.00046	.00067	-5.00120	2.49980
4.500	11.692	.22039	.08083	.19943	.12382	-.00818	-.00011	.00046	.00079	-5.00220	2.50490
4.500	12.702	.24787	.07971	.22428	.13226	-.00802	-.00010	.00047	.00084	-5.00420	2.50290
4.500	13.640	.27638	.07890	.24998	.14185	-.00825	.00004	.00047	.00088	-5.00120	2.49980
4.500	14.639	.30723	.07810	.27752	.15321	-.00833	.00037	.00039	.00104	-5.00530	2.50790
4.500	15.645	.33852	.07706	.30519	.16549	-.00880	.00043	.00030	.00112	-5.00720	2.50590
4.500	16.703	.37247	.07603	.33490	.17988	-.00885	.00077	.00024	.00123	-5.00220	2.50490
4.500	17.667	.40291	.07533	.36104	.19405	-.00926	.00079	.00015	.00133	-5.00530	2.50790
4.500	19.651	.46984	.07376	.41767	.22747	-.01039	.00098	.00003	.00152	-5.00220	2.50490
4.500	23.705	.61861	.07112	.53783	.31382	-.01426	.00165	-.00018	.00194	-5.01440	2.51700
4.500	24.630	.65355	.07097	.56451	.33688	-.01540	.00153	-.00023	.00204	-5.01640	2.51500
4.500	27.683	.77637	.06965	.65514	.42236	-.01965	.00165	-.00019	.00234	-5.02440	2.51920
4.500	31.709	.95185	.06597	.77509	.55642	-.02886	.00247	-.00035	.00283	-5.04360	2.53040
4.500	GRADIENT	.02112	-.00226	.01946	-.00240	.00053	.00001	-.00004	-.00002	.00030	-.00014

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A112) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6300 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 2.500
 ELV-LI = 2.500 ELV-RI = -2.500
 ELV-RO = -2.500 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 412/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.414	-.10659	.13754	-.10070	.14191	.00675	-.00192	.00076	.00152	-.01023	2.51360
2.500	-1.426	-.04609	.13321	-.04509	.13355	.00275	-.00180	.00064	.00153	-.00556	2.51310
2.500	1.554	.01306	.13040	.00952	.13071	-.00110	-.00143	.00058	.00145	-.00815	2.51560
2.500	3.599	.07285	.12713	.06473	.13145	-.00495	-.00180	.00061	.00148	-.01124	2.52290
2.500	4.600	.10256	.12275	.09238	.13058	-.00618	-.00176	.00078	.00137	-.00606	2.51770
2.500	5.573	.13272	.11934	.12051	.13166	-.00765	-.00134	.00082	.00126	-.01124	2.52290
2.500	7.565	.19586	.11631	.17884	.14108	-.01059	-.00095	.00072	.00131	-.01174	2.52760
2.500	9.584	.26359	.11344	.24102	.15574	-.01333	-.00090	.00070	.00141	-.01641	2.52810
2.500	11.580	.33461	.11082	.30555	.17573	-.01660	-.00101	.00075	.00151	-.01483	2.53480
2.500	12.554	.36894	.10930	.33636	.18687	-.01842	-.00151	.00069	.00162	-.01691	2.53270
2.500	13.595	.40695	.10777	.37022	.20041	-.02069	-.00130	.00064	.00163	-.01899	2.53070
2.500	14.600	.44451	.10601	.40343	.21464	-.02284	-.00086	.00065	.00168	-.01641	2.52810
2.500	15.586	.48086	.10440	.43513	.22975	-.02456	-.00120	.00059	.00175	-.01691	2.53070
2.500	16.554	.51668	.10317	.46587	.24610	-.02627	-.00116	.00059	.00185	-.01691	2.53270
2.500	17.592	.55473	.10178	.49803	.26468	-.02826	-.00098	.00055	.00189	-.02158	2.53320
2.500	19.581	.62957	.09861	.56011	.30390	-.03243	-.00087	.00037	.00220	-.02366	2.53120
2.500	23.570	.78925	.09188	.68666	.39982	-.04366	-.00018	-.00017	.00258	-.02158	2.53320
2.500	24.572	.83223	.09058	.71919	.42845	-.04701	-.00003	-.00024	.00273	-.01950	2.53530
2.500	27.539	.95910	.08500	.81113	.51882	-.05690	.00131	-.00017	.00296	-.01950	2.53530
2.500	31.585	1.13730	.07412	.92998	.65880	-.06902	.00100	-.00008	.00330	-.01224	2.53620
2.500	GRADIENT	.02977	-.00194	.02748	-.00141	-.00187	.00002	-.00000	-.00002	.00009	.00106

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 2.500
 ELV-LI = 2.500 ELV-RI = -2.500
 ELV-RO = -2.500 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 423/ 0 RN/L = 2.00 GRADIENT INTERVAL = -.500/ 5.00

MACH	ALPHA	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.352	-.10146	.11347	-.09572	-.01033	-.00005	.00072	.00084	.00536	2.51880
3.500	-.369	-.05661	.10909	-.05590	-.00949	.00001	.00073	.00077	.00536	2.51880
3.500	1.651	-.00955	.10617	-.01260	-.00883	.00017	.00073	.00082	.00019	2.52400
3.500	3.635	.03791	.10296	.03130	-.00824	.00027	.00060	.00089	-.00240	2.52660
3.500	4.669	.06422	.10106	.05579	-.00812	.00037	.00053	.00095	-.00240	2.52660
3.500	5.663	.09157	.09917	.08134	-.00885	.00046	.00052	.00095	-.00240	2.52660
3.500	7.640	.14645	.09703	.13225	-.00929	.00026	.00051	.00105	-.00240	2.52660
3.500	9.657	.20424	.09520	.18538	-.01016	-.00000	.00054	.00115	-.00707	2.52710
3.500	11.662	.26482	.09375	.24040	-.01131	-.00010	.00046	.00132	-.00966	2.52970
3.500	12.641	.29515	.09290	.26767	-.01218	.00027	.00046	.00142	-.01432	2.53020
3.500	13.687	.32798	.09203	.29689	-.01312	.00033	.00045	.00152	-.01174	2.52760
3.500	14.634	.35855	.09106	.32392	-.01420	.00059	.00042	.00162	-.01432	2.53020
3.500	15.638	.39207	.08994	.35331	-.01546	.00053	.00031	.00168	-.01432	2.53020
3.500	16.621	.42523	.08890	.38203	-.01704	.00045	.00025	.00184	-.01691	2.53270
3.500	17.677	.46132	.08791	.41284	-.01869	.00068	.00017	.00197	-.02417	2.53580
3.500	19.654	.53144	.08558	.47169	-.02196	.00082	.00004	.00216	-.00707	2.52710
3.500	23.681	.68340	.08215	.59286	-.02898	.00123	-.00016	.00264	-.01432	2.53020
3.500	24.628	.72208	.08197	.62224	-.03032	.00126	-.00023	.00275	-.01432	2.53020
3.500	27.684	.85052	.07984	.71606	-.03525	.00175	-.00051	.00303	-.01174	2.52760
3.500	31.628	1.03010	.07534	.83757	-.04590	.00220	-.00054	.00349	-.00966	2.52970
3.500	GRADIENT	.02356	-.00172	.02170	.00032	.00006	-.00003	.00001	-.00131	.00131

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A112) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEV-LO = 2.500
 ELV-LI = 2.500 ELV-RI = -2.500
 ELV-RO = -2.500 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPDPRK = 55.000 RUDDER = .000

RUN NO. 433/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.387	-.10321	.10453	-.09877	.10874	-.01585	-.00031	.00067	.00057	.00057	-.00966	2.52970
4.500	-.363	-.06161	.09921	-.06098	.09960	-.01446	-.00053	.00064	.00054	.00054	-.00966	2.52970
4.500	1.693	-.01811	.09460	-.02090	.09402	-.01354	-.00008	.00051	.00064	.00064	-.01432	2.53020
4.500	3.688	.02359	.09093	.01770	.09226	-.01236	-.00022	.00045	.00067	.00067	-.00865	2.52030
4.500	4.695	.04725	.08879	.03982	.09236	-.01175	-.00023	.00045	.00074	.00074	-.00398	2.51980
4.500	5.600	.06803	.08688	.05922	.09310	-.01198	-.00011	.00039	.00080	.00080	-.00398	2.51980
4.500	7.696	.12033	.08442	.10794	.09977	-.01240	-.00028	.00036	.00087	.00087	-.00915	2.52500
4.500	9.683	.17178	.08271	.15543	.11042	-.01258	-.00044	.00033	.00100	.00100	-.00606	2.51770
4.500	11.653	.22580	.08099	.20479	.12493	-.01342	-.00003	.00032	.00119	.00119	-.01124	2.52290
4.500	12.701	.25564	.08020	.23176	.13444	-.01362	.00003	.00025	.00127	.00127	-.01124	2.52290
4.500	13.667	.28454	.07948	.25770	.14446	-.01409	.00023	.00024	.00138	.00138	-.01174	2.52760
4.500	14.673	.31533	.07870	.28511	.15601	-.01480	.00029	.00017	.00152	.00152	-.01432	2.53020
4.500	15.711	.34900	.07784	.31488	.16944	-.01549	.00049	.00009	.00165	.00165	-.01382	2.52550
4.500	16.643	.37980	.07707	.34182	.18262	-.01598	.00082	.00001	.00183	.00183	-.00915	2.52500
4.500	17.658	.41340	.07642	.37074	.19822	-.01672	.00084	-.00006	.00194	.00194	-.00915	2.52500
4.500	19.706	.48313	.07493	.42957	.23345	-.01885	.00101	-.00021	.00223	.00223	-.01382	2.52550
4.500	23.620	.62920	.07260	.54740	.31862	-.02469	.00165	-.00046	.00278	.00278	-.01899	2.53070
4.500	24.695	.67074	.07252	.57910	.34612	-.02675	.00169	-.00046	.00292	.00292	-.02108	2.52860
4.500	27.679	.79275	.07181	.66867	.43183	-.03255	.00191	-.00055	.00333	.00333	-.02108	2.52600
4.500	31.693	.97039	.06875	.78956	.56831	-.04430	.00241	-.00090	.00389	.00389	-.01849	2.52600
4.500	GRADIENT	.02116	-.00219	.01949	-.00227	.00056	.00003	-.00003	.00002	.00002	.00058	-.00157

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 7.500
 ELV-LI = 7.500 ELV-RI = 2.500
 ELV-RO = 2.500 ELEVON = 5.000
 AILRON = 2.500 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 413/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.432	-.09622	.13748	-.09030	.14144	-.00240	-.00198	.00050	.00162	5.02500	2.51230
2.500	-.416	-.03462	.13346	-.03365	.13371	-.00607	-.00178	.00041	.00166	5.02240	2.51490
2.500	1.603	.02603	.13081	.02237	.13148	-.00989	-.00134	.00032	.00161	5.02980	2.51200
2.500	3.599	.08521	.12688	.07707	.13198	-.01342	-.00161	.00042	.00150	5.02010	2.51260
2.500	4.629	.11523	.12206	.10501	.13097	-.01456	-.00153	.00044	.00157	5.02270	2.51000
2.500	5.565	.14433	.12056	.13196	.13398	-.01667	-.00152	.00043	.00160	5.02240	2.51490
2.500	7.635	.21222	.11799	.19466	.14514	-.02066	-.00082	.00035	.00167	5.01750	2.51520
2.500	9.602	.27813	.11546	.25498	.16023	-.02403	-.00100	.00034	.00181	5.01780	2.51030
2.500	11.558	.34821	.11291	.31853	.18038	-.02810	-.00082	.00036	.00193	5.01520	2.51290
2.500	12.600	.38629	.11141	.35269	.19299	-.03037	-.00115	.00032	.00199	5.01060	2.50830
2.500	13.609	.42289	.11007	.38512	.20649	-.03279	-.00103	.00027	.00209	5.00570	2.50860
2.500	14.540	.45839	.10884	.41639	.22044	-.03517	-.00098	.00028	.00213	5.00350	2.50630
2.500	15.553	.49548	.10753	.44850	.23644	-.03742	-.00110	.00018	.00231	5.00320	2.51120
2.500	16.561	.53399	.10624	.48155	.25404	-.03980	-.00092	.00008	.00237	5.00600	2.50370
2.500	17.576	.57258	.10500	.51414	.27300	-.04214	-.00073	.00008	.00238	5.00350	2.50630
2.500	19.565	.64712	.10230	.57550	.31310	-.04676	-.00050	-.00026	.00282	5.00350	2.50630
2.500	23.574	.81099	.09632	.70479	.41262	-.06063	.00039	-.00071	.00327	4.98860	2.50660
2.500	24.618	.85593	.09515	.73850	.44305	-.06482	.00033	-.00078	.00344	5.00060	2.51370
2.500	27.595	.98405	.09041	.83023	.53595	-.07645	.00138	-.00109	.00371	4.99860	2.50660
2.500	31.653	1.16610	.08045	.95043	.68043	-.09031	.00117	-.00076	.00399	4.98860	2.50660
	GRADIENT	.02994	-.00202	.02765	-.00128	-.00176	.00006	-.00001	-.00002	-.00038	-.00035

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 7.500
 ELV-L1 = 7.500 ELV-R1 = 7.500
 ELV-RO = 2.500 ELEVON = 5.000
 AIRLON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 424/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AIRLON
3.500	-2.346	-.09546	.11355	-.09073	.11736	-.01519	.00001	.00057	.00090	4.98740	2.49020
3.500	-.346	-.01950	.10928	-.04884	.10958	-.01444	.00017	.00054	.00092	4.98740	2.49020
3.500	1.675	-.00208	.10659	-.00519	.10648	-.01378	.00043	.00047	.00103	4.98480	2.49280
3.500	3.656	.04538	.10362	.03868	.10630	-.01358	.00030	.00036	.00118	4.98770	2.48540
3.500	4.650	.07098	.10201	.06248	.10742	-.01384	.00040	.00032	.00119	4.99230	2.48990
3.500	5.650	.09871	.10006	.08838	.10929	-.01478	.00049	.00025	.00129	4.98480	2.49280
3.500	7.641	.15493	.09806	.14052	.11779	-.01586	.00008	.00029	.00141	4.98480	2.49280
3.500	9.630	.21260	.09549	.19346	.13070	-.01770	.00010	.00019	.00157	4.98250	2.49050
3.500	11.668	.27493	.09525	.24999	.14888	-.01979	.00010	.00008	.00179	4.98570	2.47820
3.500	12.631	.30495	.09453	.27690	.15893	-.02096	.00026	.00007	.00193	4.98310	2.48080
3.500	13.653	.33908	.09377	.30737	.17116	-.02246	.00051	.00002	.00211	4.98310	2.48080
3.500	14.667	.37261	.09310	.33690	.18441	-.02389	.00056	-.00005	.00221	4.99060	2.47790
3.500	15.653	.40634	.09207	.36643	.19829	-.02590	.00071	-.00012	.00231	4.98830	2.47560
3.500	16.665	.43985	.09116	.39504	.21342	-.02788	.00072	-.00024	.00248	4.98600	2.47330
3.500	17.641	.47480	.09031	.42510	.22995	-.02991	.00085	-.00032	.00255	4.98310	2.48050
3.500	19.635	.54690	.08848	.48537	.26711	-.03430	.00087	-.00050	.00281	4.98800	2.48050
3.500	23.653	.70107	.08591	.60771	.35996	-.04357	.00126	-.00080	.00335	4.98830	2.47560
3.500	24.654	.74219	.08599	.63867	.38775	-.04545	.00127	-.00091	.00349	4.99090	2.47300
3.500	27.662	.87128	.08453	.73245	.47937	-.05211	.00196	-.00123	.00366	4.98540	2.48310
3.500	31.654	1.05540	.08115	.85584	.62296	-.06552	.00240	-.00121	.00434	4.98600	2.47330
3.500	GRADIENT	.02373	-.00160	.02185	-.00135	.00021	.00005	-.00004	.00005	.00048	-.00033

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

PAGE 237
(17A113) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 7.500
ELV-LI = 7.500 ELV-RI = 2.500
ELV-RO = 2.500 ELEVON = 5.000
AILRON = 2.500 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000

RUN NO. 434/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.486	-1.0020	.10469	-.09556	.10893	-.01919	-.00034	.00056	.00061	4.96620	2.47940
4.500	-.388	-.05855	.09938	-.05788	.09977	-.01792	-.00044	.00047	.00070	4.96330	2.48680
4.500	1.603	-.01650	.09498	-.01915	.09448	-.01729	-.00027	.00030	.00082	4.97310	2.48620
4.500	3.659	.02898	.09128	.02270	.09292	-.01645	-.00027	.00026	.00098	4.97340	2.48140
4.500	4.694	.05266	.08935	.04517	.09336	-.01621	-.00015	.00025	.00105	4.98310	2.48080
4.500	5.655	.07481	.08734	.06584	.09429	-.01679	-.00004	.00018	.00117	4.97820	2.48110
4.500	7.623	.12481	.08527	.11239	.10107	-.01765	-.00020	.00011	.00130	4.97560	2.48360
4.500	9.659	.17951	.08377	.16291	.11271	-.01880	.00003	.00005	.00149	4.98110	2.47360
4.500	11.657	.23440	.08224	.21295	.12791	-.02027	.00001	.00000	.00168	4.98600	2.47330
4.500	12.709	.26559	.08156	.24114	.13800	-.02108	.00007	-.00009	.00183	4.98370	2.47100
4.500	13.654	.29504	.08106	.26756	.14842	-.02207	.00040	-.00013	.00200	4.98600	2.47330
4.500	14.676	.32668	.08035	.29566	.16050	-.02328	.00059	-.00023	.00215	4.97850	2.47620
4.500	15.629	.35799	.07978	.32326	.17327	-.02452	.00077	-.00033	.00234	4.97850	2.47620
4.500	16.618	.39159	.07920	.35258	.18788	-.02573	.00124	-.00040	.00256	4.97850	2.47620
4.500	17.646	.42603	.07862	.38215	.20407	-.02736	.00111	-.00053	.00270	4.98370	2.47100
4.500	19.702	.49844	.07749	.44314	.24100	-.03072	.00127	-.00072	.00299	4.97620	2.47390
4.500	23.734	.65112	.07611	.56542	.33174	-.03888	.00202	-.00108	.00367	4.98570	2.47820
4.500	24.678	.68832	.07609	.59368	.35653	-.04140	.00190	-.00115	.00376	4.98110	2.47360
4.500	27.643	.81240	.07612	.68435	.44436	-.04933	.00196	-.00130	.00427	4.98110	2.47360
4.500	31.766	.99915	.07438	.81033	.58924	-.06320	.00274	-.00161	.00484	4.97390	2.47160
4.500	GRADIENT	.02130	-.00212	.01962	-.00213	.00041	.00003	-.00005	.00006	.00228	-.00009

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -1.250
 ELV-LI = -6.250 ELV-RI = -6.250
 ELV-RO = -6.250 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 435/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.415	-.12071	.13536	-.11490	.14033	.01725	-.00439	.00126	.00061	-3.70800	2.49700
2.500	-.430	-.06046	.13179	-.05946	.13223	.01293	-.00391	.00105	.00066	-3.70800	2.49700
2.500	1.583	.00177	.12900	-.00179	.12900	.00848	-.00377	.00100	.00061	-3.76270	2.49100
2.500	3.539	.05913	.12617	.05123	.12958	.00432	-.00314	.00102	.00070	-3.76480	2.48900
2.500	4.588	.09062	.12368	.08045	.13052	.00195	-.00292	.00090	.00072	-3.76270	2.49100
2.500	5.568	.12264	.12170	.11025	.13302	.00005	-.00267	.00085	.00064	-3.76270	2.49100
2.500	7.557	.18435	.11787	.16725	.14109	-.00264	-.00251	.00078	.00070	-3.76880	2.49710
2.500	9.551	.25040	.11482	.22788	.15478	-.00447	-.00230	.00074	.00073	-3.76170	2.49810
2.500	11.528	.32006	.11310	.29100	.17478	-.00720	-.00209	.00076	.00064	-3.76580	2.50620
2.500	12.568	.35722	.11188	.32432	.18693	-.00888	-.00187	.00075	.00072	-3.76880	2.50920
2.500	13.567	.39268	.11047	.35580	.19950	-.01068	-.00213	.00074	.00082	-3.75970	2.50010
2.500	14.553	.42914	.10915	.38794	.21348	-.01259	-.00160	.00079	.00086	-3.76580	2.50620
2.500	15.545	.46657	.10763	.42066	.22873	-.01445	-.00170	.00076	.00089	-3.76580	2.50620
2.500	16.542	.50229	.10622	.45125	.24483	-.01597	-.00183	.00069	.00103	-3.76380	2.50820
2.500	17.562	.54056	.10480	.48374	.26302	-.01798	-.00125	.00063	.00103	-3.75870	2.50720
2.500	19.541	.61377	.10221	.54423	.30162	-.02113	-.00129	.00048	.00125	-3.76170	2.51020
2.500	23.544	.77216	.09523	.66984	.39575	-.03128	-.00008	-.00011	.00162	-3.75360	2.50620
2.500	24.546	.81486	.09338	.70242	.42345	-.03450	.00032	-.00028	.00162	-3.75870	2.50720
2.500	27.574	.94074	.08655	.79382	.51219	-.04239	.00137	-.00035	.00163	-3.75870	2.50720
2.500	31.602	1.11590	.07609	.91055	.64955	-.05226	.00103	-.00004	.00188	-3.75870	2.50720
GRADIENT		.03020	-.00160	.02793	-.00131	-.00218	.00021	-.00004	.00001	-.00951	-.00116

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 4400.0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.331	-1.10825	.11334	-.10355	.11765	-.00555	-.00053	.00082	.00059	-3.72520	2.47370
3.500	-.374	-.06340	.10890	-.06269	.10931	-.00500	-.00047	.00088	.00055	-3.72020	2.47270
3.500	1.628	-.01676	.10579	-.01976	.10527	-.00456	-.00051	.00084	.00051	-3.72830	2.47680
3.500	3.677	.03281	.10226	.02618	.10415	-.00393	-.00041	.00076	.00054	-3.72930	2.48180
3.500	4.677	.05840	.10038	.05002	.10480	-.00382	-.00031	.00069	.00045	-3.73230	2.48490
3.500	5.612	.08324	.09840	.07322	.10607	-.00431	-.00010	.00063	.00047	-3.72420	2.48080
3.500	7.704	.14054	.09602	.12640	.11400	-.00432	-.00041	.00051	.00051	-3.73440	2.48290
3.500	9.709	.19695	.09396	.17829	.12583	-.00414	-.00055	.00070	.00052	-3.73940	2.48390
3.500	11.649	.25490	.09262	.23095	.14219	-.00446	-.00022	.00064	.00063	-3.72730	2.48390
3.500	12.627	.28486	.09178	.25791	.15183	-.00495	-.00006	.00063	.00069	-3.74050	2.48890
3.500	13.630	.31647	.09085	.28615	.16287	-.00552	-.00009	.00065	.00072	-3.73540	2.48790
3.500	14.644	.34899	.08983	.31493	.17517	-.00619	-.00017	.00059	.00082	-3.73230	2.48490
3.500	15.612	.38175	.08860	.34372	.18826	-.00726	-.00009	.00051	.00086	-3.74050	2.48690
3.500	16.612	.41329	.08741	.37105	.20192	-.00838	-.00025	.00048	.00093	-3.73940	2.48390
3.500	17.615	.44683	.08637	.39974	.21754	-.00938	-.00018	.00042	.00099	-3.74250	2.48690
3.500	19.626	.51663	.08394	.45843	.25259	-.01177	-.00043	.00027	.00116	-3.74350	2.49200
3.500	23.650	.66636	.07986	.57836	.34046	-.01652	-.00098	.00014	.00144	-3.74150	2.49400
3.500	24.607	.70425	.07955	.60717	.36556	-.01742	-.00102	.00009	.00147	-3.75260	2.48890
3.500	27.699	.83107	.07677	.70014	.45427	-.02084	-.00028	-.00009	.00174	-3.76380	2.49600
3.500	31.671	1.00870	.07102	.82122	.59008	-.02931	-.00140	-.00011	.00194	-3.76670	2.49710
3.500	GRADIENT	.02374	-.00180	.02188	-.00176	.00025	.00003	-.00002	-.00002	-.00126	.00171

PARAMETRIC DATA

BETA = .000
 ELV-L1 = -6.250
 ELV-L0 = -1.250
 ELV-R1 = -6.250
 ELEVON = -5.000
 AILRON = 2.500
 BDFLAP = .000
 SPDBRK = 55.000
 RUDDER = .000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

PAGE 240

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A1114) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-L0 = -1.250
 ELV-L1 = -6.250 ELV-R1 = -6.250
 ELV-R0 = -6.250 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.331	-.10427	.10357	-.09997	.10772	-.01280	-.00015	.00073	.00052	-3.77290	2.49300
4.500	-.384	-.06420	.09837	-.06354	.09880	-.01171	-.00010	.00067	.00046	-3.77590	2.49610
4.500	1.624	-.02176	.09359	-.02440	.09293	-.01120	-.00006	.00055	.00044	-3.77190	2.48790
4.500	3.672	.02236	.08991	.01655	.09116	-.00946	-.00004	.00051	.00042	-3.76880	2.48490
4.500	4.590	.04221	.08775	.03505	.09085	-.00905	-.00019	.00049	.00041	-3.77490	2.49100
4.500	5.594	.06581	.08564	.05715	.09164	-.00883	.00007	.00050	.00046	-3.76480	2.48900
4.500	7.630	.11531	.08301	.10327	.09758	-.00866	.00005	.00045	.00045	-3.77690	2.48900
4.500	9.696	.16866	.08143	.15253	.10867	-.00802	.00004	.00045	.00052	-3.76780	2.48200
4.500	11.622	.22034	.07982	.19974	.12257	-.00824	-.00010	.00044	.00056	-3.77390	2.48590
4.500	12.602	.24885	.07889	.22565	.13128	-.00795	.00011	.00046	.00063	-3.76380	2.48390
4.500	13.615	.27863	.07789	.25246	.14129	-.00781	.00019	.00047	.00066	-3.77490	2.48100
4.500	14.620	.30952	.07717	.28002	.15280	-.00799	.00067	.00039	.00079	-3.76680	2.48690
4.500	15.634	.34027	.07618	.30715	.16506	-.00842	.00059	.00032	.00084	-3.77390	2.48590
4.500	16.593	.37112	.07545	.33412	.17829	-.00897	.00051	.00024	.00092	-3.77490	2.49100
4.500	17.667	.40701	.07466	.36516	.19466	-.00966	.00096	.00021	.00107	-3.76980	2.49000
4.500	19.680	.47438	.07303	.42207	.22852	-.00996	.00115	.00007	.00122	-3.76380	2.48390
4.500	23.688	.62129	.07038	.54066	.31406	-.01359	.00169	-.00010	.00155	-3.76380	2.48390
4.500	27.625	.77720	.07022	.66730	.33718	-.01460	.00172	-.00013	.00161	-3.76980	2.49000
4.500	31.678	.95345	.06905	.65659	.42155	-.01887	.00170	-.00013	.00189	-3.76980	2.49000
4.500	GRADIENT	.02119	-.00225	.01955	.55629	-.02808	.00209	-.00046	.00220	-3.77090	2.49500
					-.00237	.00054	.00000	-.00004	-.00001	.00026	-.00096

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 ELV-LI =
 ELV-RO =
 AILRON =
 SPDBRK =

.000 ELV-LO = 3.750
 -1.250 ELV-RI = -1.250
 -1.250 ELEVON = .000
 2.500 BDFLAP = .000
 55.000 RUDDER = .000

RUN NO. 436/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.413	-.10844	.13432	-.10268	.13877	.00802	-.00422	.00094	.00052	1.22090	2.50330
2.500	-.460	-.04806	.13070	-.04700	.13109	.00406	-.00301	.00083	.00048	1.22550	2.50280
2.500	1.542	.01201	.12663	.00854	.12891	-.00031	-.00328	.00077	.00054	1.21830	2.50590
2.500	3.524	.06983	.12608	.06195	.13013	-.00421	-.00294	.00087	.00056	1.20790	2.51620
2.500	4.615	.10389	.12375	.09360	.13170	-.00653	-.00279	.00075	.00059	1.20790	2.51620
2.500	5.552	.13271	.12202	.12028	.13429	-.00852	-.00263	.00069	.00052	1.21260	2.51570
2.500	7.584	.19710	.11929	.17963	.14426	-.01155	-.00224	.00061	.00063	1.20490	2.52350
2.500	9.529	.26345	.11753	.24036	.15952	-.01425	-.00210	.00057	.00063	1.21050	2.51360
2.500	11.574	.33566	.11500	.30596	.18005	-.01760	-.00189	.00059	.00054	1.20540	2.51880
2.500	12.611	.37204	.11367	.33824	.19215	-.01946	-.00223	.00054	.00068	1.21520	2.51310
2.500	13.588	.40813	.11235	.37031	.20510	-.02173	-.00187	.00058	.00077	1.20540	2.51880
2.500	14.579	.44653	.11072	.40428	.21955	-.02393	-.00188	.00053	.00074	1.20840	2.51160
2.500	15.535	.48070	.10943	.43383	.23418	-.02598	-.00145	.00048	.00092	1.21050	2.51360
2.500	16.549	.51814	.10796	.46592	.25107	-.02768	-.00155	.00048	.00097	1.21050	2.51360
2.500	17.590	.55766	.10652	.49939	.27007	-.02989	-.00139	.00035	.00095	1.20540	2.51880
2.500	19.551	.63043	.10376	.55936	.30874	-.03357	-.00129	.00015	.00125	1.20330	2.51670
2.500	23.548	.79169	.09716	.68694	.40536	-.04488	-.00014	-.00036	.00156	1.20540	2.51880
2.500	24.562	.83385	.09552	.71869	.43349	-.04871	.00011	-.00046	.00155	1.19810	2.52190
2.500	27.576	.96167	.08970	.81090	.52468	-.05838	.00127	-.00066	.00177	1.20540	2.51880
2.500	31.600	1.13980	.08011	.92884	.66548	-.07050	.00101	-.00033	.00199	1.20740	2.52090
2.500	GRADIENT	.03007	-.00142	.02779	-.00090	-.00207	.00016	-.00002	.00001	-.00241	.00217

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 3.750
 ELV-L1 = -1.250 ELV-R1 = -1.250
 ELV-R0 = -1.250 ELEVON = .000
 ALLRON = 2.500 BDFLAP = .000
 SPDRBK = 55.000 RUDDER = .000

RUN NO. 439/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	ALLRON
3.500	-2.315	-1.10085	.11294	-.09621	.11692	-.01031	-.00034	.00072	.00049	1.29670	2.50670
3.500	-.369	-.05742	.10858	-.05672	.10895	-.00949	-.00039	.00073	.00046	1.29670	2.50670
3.500	1.594	-.01112	.10573	-.01406	.10538	-.00895	-.00054	.00071	.00044	1.29250	2.50250
3.500	3.603	.03708	.10255	.03056	.10468	-.00824	-.00013	.00064	.00054	1.29410	2.50930
3.500	4.654	.06374	.10055	.05537	.10539	-.00812	-.00013	.00056	.00051	1.29410	2.50930
3.500	5.614	.08897	.09859	.07890	.10682	-.00869	-.00024	.00054	.00052	1.29200	2.50720
3.500	7.683	.14622	.09649	.13201	.11517	-.00936	-.00034	.00053	.00056	1.28630	2.51700
3.500	9.616	.20225	.09461	.18360	.12707	-.00987	-.00059	.00057	.00060	1.28370	2.51960
3.500	11.676	.26324	.09319	.23894	.14453	-.01111	-.00048	.00048	.00077	1.27180	2.52320
3.500	12.637	.29388	.09239	.26654	.15445	-.01169	-.00031	.00049	.00081	1.27910	2.52010
3.500	13.637	.32553	.09156	.29476	.16573	-.01283	-.00036	.00048	.00083	1.26710	2.52370
3.500	14.627	.35754	.09063	.32307	.17798	-.01379	-.00030	.00040	.00091	1.27440	2.52060
3.500	15.625	.39111	.08961	.35252	.19164	-.01494	-.00004	.00035	.00104	1.27440	2.52060
3.500	16.638	.42460	.08839	.38151	.20627	-.01642	-.00030	.00030	.00113	1.27390	2.52530
3.500	17.630	.45863	.08742	.41062	.22222	-.01781	-.00043	.00023	.00118	1.27180	2.52320
3.500	19.622	.52856	.08508	.46930	.25764	-.02115	.00026	.00023	.00129	1.26970	2.52110
3.500	23.626	.67975	.08152	.59010	.34711	-.02801	.00067	.00019	.00169	1.27180	2.52320
3.500	24.623	.71974	.08128	.62043	.37376	-.02941	.00103	-.00018	.00176	1.27390	2.52530
3.500	27.720	.84968	.07904	.71539	.46520	-.03442	.00142	-.00056	.00195	1.26970	2.52110
3.500	31.642	1.02820	.07437	.83636	.60273	-.04472	.00170	-.00051	.00219	1.26250	2.52477
3.500	GRADIENT	.02362	-.00172	.02176	-.00158	.00032	.00000	-.00002	.00001	-.00045	.00041

C-I

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 3.750
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = -1.250 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 442/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.336	-.10041	.10336	-.09611	.10736	-.01573	.00011	.00060	.00036	1.23280	3.49970
4.500	-.344	-.05928	.09822	-.05869	.09857	-.01448	-.00011	.00058	.00038	1.23330	2.49500
4.500	1.665	-.01724	.09362	-.01996	.09308	-.01358	-.00021	.00047	.00040	1.23330	2.49500
4.500	3.663	.02494	.08983	.01916	.09124	-.01227	-.00007	.00039	.00042	1.23120	2.49290
4.500	4.674	.04809	.08778	.04078	.09141	-.01179	-.00022	.00040	.00044	1.22600	2.49810
4.500	5.714	.07356	.08562	.06467	.09252	-.01194	.00004	.00037	.00053	1.22300	2.50540
4.500	7.600	.11980	.08350	.10771	.09861	-.01208	.00016	.00036	.00054	1.22040	2.50800
4.500	9.594	.17122	.08175	.15520	.10914	-.01225	-.00028	.00030	.00060	1.21830	2.50590
4.500	11.588	.22666	.08018	.20593	.12408	-.01279	.00015	.00038	.00070	1.23070	2.49760
4.500	13.652	.25503	.07926	.23159	.13301	-.01327	.00007	.00031	.00076	1.22600	2.49810
4.500	15.668	.28674	.07856	.26010	.14402	-.01355	.00056	.00032	.00087	1.23070	2.49760
4.500	17.621	.31658	.07778	.28673	.15512	-.01416	.00034	.00022	.00098	1.22040	2.50800
4.500	19.617	.34286	.07700	.31641	.16872	-.01471	.00082	.00017	.00109	1.23540	2.49710
4.500	21.615	.37146	.07606	.34286	.18164	-.01559	.00073	.00007	.00117	1.22300	2.50540
4.500	23.642	.41369	.07536	.37146	.19705	-.01621	.00090	.00000	.00124	1.22860	2.49550
4.500	24.615	.448150	.07408	.42869	.23143	-.01808	.00108	-.00009	.00145	1.23330	2.49500
4.500	27.662	.63151	.07159	.54980	.31883	-.02398	.00161	-.00033	.00182	1.22350	2.50070
4.500	31.692	.66962	.07173	.57889	.34412	-.02544	.00192	-.00032	.00192	1.23070	2.49760
4.500		.79380	.07105	.67009	.43145	-.03157	.00161	-.00039	.00216	1.22860	2.49550
4.500		.97240	.06801	.79168	.56872	-.04264	.00212	-.00081	.00249	1.23120	2.49290
4.500		.02112	-.00220	.01947	-.00224	.00056	-.00003	-.00003	.00001	-.00080	-.00038

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A116) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .003 ELV-LO = 8.750
 ELV-LI = 3.753 ELV-RI = 3.750
 ELV-RO = 3.753 ELEVON = 5.000
 AILRON = 2.503 BDFLAP = .000
 SPDBRK = 55.003 RUDDER = .000

RUN NO. 437/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.437	.13470	-.09029	.13867	-.00153	-.00410	.00082	.00036	6.24320	2.46470
2.500	-1.409	.13116	-.03447	.13141	-.00526	-.00360	.00071	.00055	6.24780	2.46420
2.500	1.640	.12960	.02428	.13034	-.00970	-.00308	.00065	.00045	6.25770	2.45850
2.500	3.524	.12731	.07463	.13215	-.01336	-.00307	.00065	.00055	6.25510	2.46110
2.500	4.666	.12510	.10716	.13426	-.01566	-.00253	.00054	.00039	6.25300	2.45900
2.500	5.558	.14529	.13298	.13747	-.01801	-.00222	.00050	.00034	6.25300	2.45900
2.500	7.563	.21006	.19224	.14809	-.02194	-.00222	.00042	.00039	6.25250	2.46370
2.500	9.638	.28195	.25801	.16475	-.02530	-.00162	.00034	.00056	6.25090	2.45690
2.500	11.604	.35289	.32208	.18589	-.02951	-.00173	.00038	.00070	6.24570	2.46210
2.500	12.568	.38692	.35231	.19782	-.03173	-.00199	.00037	.00095	6.24320	2.46470
2.500	13.554	.42460	.38570	.21184	-.03415	-.00203	.00032	.00100	6.25300	2.45900
2.500	14.524	.45988	.41657	.22577	-.03656	-.00167	.00029	.00107	6.23800	2.46980
2.500	15.559	.49986	.45133	.24258	-.03914	-.00169	.00020	.00102	6.24990	2.46630
2.500	16.526	.53606	.48218	.25943	-.04131	-.00119	.00020	.00111	6.24010	2.47190
2.500	17.533	.57399	.51412	.27801	-.04376	-.00117	.00009	.00114	6.23800	2.46980
2.500	19.579	.65253	.57873	.32008	-.04879	-.00068	-.00014	.00133	6.24060	2.46720
2.500	23.611	.81681	.70774	.42022	-.06240	-.00004	-.00082	.00179	6.24530	2.46680
2.500	24.540	.85540	.73645	.44656	-.06621	.00030	-.00081	.00139	6.24320	2.46470
2.500	27.617	.99092	.83380	.54387	-.07881	.00151	-.00119	.00206	6.23020	2.47760
2.500	31.596	1.16790	.94996	.68475	-.09220	.00110	-.00086	.00216	6.21620	2.47900
2.500	.03009	-.00126	.02779	-.00052	-.00200	.00020	-.00003	.00002	.00158	-.00081

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REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 438/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELY-LO = 8.750
 ELV-L1 = 3.750 ELY-RI = 3.750
 ELV-RO = 3.750 ELEVON = 5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.354	-.09561	.11321	-.09088	.11704	-.01525	-.00057	.00065	.00042	6.25460	2.46580
3.500	-.359	-.05039	.10876	-.04971	.10907	-.01461	-.00073	.00063	.00043	6.24990	2.46630
3.500	1.669	-.00263	.10612	-.00572	.10600	-.01384	-.00046	.00063	.00049	6.25410	2.47050
3.500	3.657	.04477	.10310	.03810	.10574	-.01382	-.00047	.00051	.00056	6.25040	2.46160
3.500	4.594	.06826	.10164	.05990	.10678	-.01372	-.00058	.00045	.00055	6.24740	2.46890
3.500	5.631	.09735	.09963	.08711	.10870	-.01454	-.00018	.00038	.00060	6.25460	2.46580
3.500	7.673	.15489	.09754	.14048	.11735	-.01578	-.00069	.00043	.00064	6.24950	2.47100
3.500	9.690	.21396	.09587	.19477	.13052	-.01760	-.00075	.00037	.00075	6.24480	2.47140
3.500	11.630	.27388	.09481	.24915	.14808	-.01943	-.00033	.00031	.00091	6.24700	2.47100
3.500	12.700	.30729	.09415	.27908	.15941	-.02092	-.00038	.00028	.00101	6.24780	2.46420
3.500	13.608	.33654	.09346	.30511	.17002	-.02210	-.00022	.00025	.00108	6.24780	2.46420
3.500	14.631	.37033	.09273	.33490	.18326	-.02370	-.00006	.00021	.00116	6.23960	2.47660
3.500	15.650	.40510	.09162	.36537	.19751	-.02570	.00009	.00011	.00123	6.24010	2.47190
3.500	16.608	.43768	.09088	.39345	.21218	-.02748	.00011	.00003	.00130	6.23490	2.47710
3.500	17.681	.47496	.08990	.42521	.22991	-.02969	.00034	-.00007	.00142	6.23960	2.47660
3.500	19.659	.54642	.08805	.48495	.26674	-.03395	.00038	-.00021	.00154	6.23960	2.47660
3.500	23.658	.69959	.08546	.60650	.35900	-.04343	.00057	-.00052	.00189	6.23280	2.47500
3.500	24.627	.73929	.08546	.63643	.38576	-.04511	.00081	-.00055	.00195	6.23280	2.47500
3.500	27.702	.87131	.08407	.73235	.47948	-.05192	.00151	-.00087	.00223	6.24060	2.46720
3.500	31.641	1.05350	.08073	.85453	.62138	-.06523	.00168	-.00076	.00252	6.24060	2.46720
3.500	GRADIENT	.02358	-.00161	.02170	-.00140	.00023	.00002	-.00003	.00002	-.00073	.00002

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = 8.750
 ELV-L1 = 3.750 ELV-R1 = 3.750
 ELV-RO = 3.750 ELEVON = 5.000
 AILRON = 2.500 SOFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 443/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.367	-.09595	.10360	-.09159	.10747	-.01877	-.00018	.00054	.00036	6.24740	2.46890
4.500	-.375	-.05625	.09847	-.05560	.09883	-.01753	-.00027	.00049	.00040	6.24740	2.46890
4.500	1.654	-.01424	.09391	-.01694	.09346	-.01715	-.00025	.00030	.00045	6.23800	2.46980
4.500	3.671	.03036	.09036	.02451	.09212	-.01592	-.00010	.00028	.00057	6.24060	2.46720
4.500	4.647	.05204	.08850	.04470	.09242	-.01597	-.00011	.00029	.00059	6.23800	2.46980
4.500	5.675	.07702	.08652	.06809	.09372	-.01638	.00001	.00024	.00062	6.24480	2.47140
4.500	7.702	.12882	.08443	.11634	.10093	-.01757	-.00016	.00021	.00071	6.24270	2.46930
4.500	9.643	.18068	.08295	.16423	.11204	-.01825	-.00019	.00018	.00080	6.24480	2.47140
4.500	11.658	.23644	.08141	.21511	.12751	-.01955	-.00005	.00018	.00088	6.24530	2.46680
4.500	12.635	.28534	.08091	.24121	.13699	-.02054	.00000	.00008	.00100	6.24740	2.46890
4.500	13.607	.29559	.08032	.26839	.14760	-.02163	.00021	.00006	.00110	6.24740	2.46890
4.500	14.611	.32688	.07976	.29619	.15864	-.02258	.00054	-.00000	.00121	6.25200	2.46840
4.500	15.608	.35944	.07909	.32491	.17288	-.02391	.00074	-.00010	.00134	6.24480	2.47140
4.500	16.603	.39211	.07839	.35336	.18716	-.02526	.00065	-.00016	.00146	6.23540	2.47240
4.500	17.666	.42750	.07793	.38369	.20399	-.02660	.00081	-.00026	.00153	6.24220	2.47400
4.500	19.599	.49477	.07695	.44029	.23845	-.02963	.00112	-.00041	.00176	6.24530	2.46680
4.500	23.617	.64850	.07543	.56396	.32892	-.03802	.00163	-.00070	.00218	6.24690	2.47350
4.500	24.628	.68884	.07572	.59462	.35589	-.04034	.00208	-.00069	.00224	6.24480	2.47140
4.500	27.599	.81177	.07573	.68431	.44319	-.04811	.00162	-.00080	.00248	6.24480	2.47140
4.500	31.652	.99408	.07379	.80749	.58447	-.06264	.00242	-.00105	.00278	6.23230	2.47970
4.500	GRADIENT	.02114	-.00213	.01948	-.00210	.00040	.00002	-.00004	.00003	-.00143	-.00002

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -3.750
 ELV-L1 = -6.250 ELV-R1 = -6.250
 ELV-R0 = -3.750 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 444/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.501	-.12248	.13576	-.11644	.14097	.01752	-.00419	.00115	-.00041	-3.76850	.00218
2.500	-.464	-.06048	.13205	-.05941	.13253	.01323	-.00338	.00110	-.00020	-3.76850	.00218
2.500	1.558	.00069	.12942	-.00283	.12939	.00879	-.00309	.00113	-.00016	-3.76750	-.00278
2.500	3.581	.06138	.12632	.05338	.12991	.00465	-.00202	.00104	-.00020	-3.76850	.00218
2.500	4.650	.09495	.12392	.08459	.13121	.00211	-.00268	.00100	-.00021	-3.77400	.01163
2.500	5.630	.12514	.12192	.11258	.13361	.00005	-.00252	.00095	-.00026	-3.77050	.01211
2.500	7.578	.18678	.11828	.16955	.14188	-.00242	-.00227	.00093	-.00018	-3.77740	.01115
2.500	9.598	.25439	.11514	.23163	.15594	-.00437	-.00212	.00089	-.00031	-3.77190	.00170
2.500	11.632	.32478	.11337	.29525	.17652	-.00708	-.00206	.00094	-.00030	-3.76750	.00912
2.500	13.618	.35987	.11225	.32666	.18816	-.00864	-.00192	.00095	-.00028	-3.76600	.00763
2.500	15.644	.39786	.11071	.36051	.20144	-.01060	-.00177	.00097	-.00027	-3.77200	.01361
2.500	17.644	.43483	.10930	.39310	.21561	-.01246	-.00171	.00094	-.00031	-3.77100	.00864
2.500	19.622	.46930	.10787	.42302	.23008	-.01419	-.00166	.00091	-.00025	-3.76210	.01158
2.500	21.622	.50724	.10658	.45562	.24712	-.01597	-.00123	.00093	-.00022	-3.76550	.00565
2.500	23.595	.54561	.10520	.48806	.26562	-.01789	-.00126	.00086	-.00033	-3.76900	.00565
2.500	25.595	.57577	.10257	.54924	.30472	-.02112	-.00113	.00074	-.00019	-3.77400	.01163
2.500	27.619	.61906	.09354	.67266	.39811	-.03103	-.00022	.00014	-.00008	-3.77550	.01313
2.500	29.631	.694524	.08354	.70564	.42624	-.03413	.00013	.00011	.00009	-3.76600	.00763
2.500	31.627	1.11930	.07620	.79714	.51535	-.04203	.00111	-.00003	-.00001	-3.76800	.00565
2.500		.03033	-.00159	.02805	.65185	-.05235	.00098	.00043	-.00007	-3.77150	.00517
2.500					-.00127	-.00214	.00019	-.00002	.00002	-.00053	.00088

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A117) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -3.750
 ELV-LI = -6.250 ELV-RI = -6.250
 ELV-RO = -3.750 ELEVON = -5.000
 ATLRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 447/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	ATLRON
3.500	-2.408	-1.1115	.11438	-1.0624	.11895	-0.0499	-0.0070	.00087	-0.0005	-3.76750	-0.00278
3.500	-1.374	-.06495	.10960	-.08423	.11002	-0.0462	-0.0095	.00090	-0.0010	-3.76600	-0.00428
3.500	1.657	-.01620	.10651	.01927	.10600	-0.0406	-0.0057	.00088	-0.0007	-3.76790	-0.00626
3.500	3.666	.03153	.10297	.02488	.10477	-0.0356	-0.0037	.00081	-0.0004	-3.76750	-0.00278
3.500	4.625	.05571	.10122	.04736	.10538	-0.0337	-0.0036	.00076	-0.0017	-3.76600	-0.00428
3.500	5.658	.08375	.09912	.07357	.10690	-0.0391	-0.0058	.00069	-0.0017	-3.78290	-0.00869
3.500	7.667	.13814	.09692	.12397	.11449	-0.0375	-0.0056	.00073	-0.0014	-3.77890	-0.01264
3.500	9.692	.19635	.09487	.17758	.12657	-0.0365	-0.0091	.00078	-0.0023	-3.78090	-0.01067
3.500	11.673	.25415	.09338	.22999	.14287	-0.0404	-0.0057	.00079	-0.0013	-3.78390	-0.01366
3.500	12.675	.28519	.09244	.25796	.15277	-0.0452	-0.0040	.00079	-0.0010	-3.78040	-0.01414
3.500	13.644	.31569	.09153	.28519	.16342	-0.0519	-0.0064	.00079	-0.0019	-3.78040	-0.01414
3.500	14.695	.34895	.09047	.31459	.17603	-0.0585	-0.0026	.00075	-0.0012	-3.78540	-0.01515
3.500	15.636	.37980	.08937	.34165	.18843	-0.0665	-0.0031	.00067	-0.0007	-3.78340	-0.01713
3.500	16.700	.41531	.08809	.37248	.20372	-0.0763	-0.0003	.00064	-0.0001	-3.77990	-0.01761
3.500	17.649	.44692	.08717	.39946	.21857	-0.0883	-0.0006	.00059	-0.0004	-3.77990	-0.01761
3.500	19.647	.51580	.08456	.45734	.25306	-0.1123	-0.0002	.00047	-0.0004	-3.77500	-0.01660
3.500	23.722	.66796	.08039	.57918	.34232	-0.1594	-0.0059	.00032	-0.0016	-3.78040	-0.01414
3.500	24.720	.70689	.08013	.60861	.36839	-0.1698	-0.0063	.00028	-0.0021	-3.78390	-0.01366
3.500	27.704	.83037	.07730	.69924	.45448	-0.1995	-0.0095	.00007	-0.0026	-3.78540	-0.01515
3.500	31.473	.99785	.07194	.81350	.58233	-0.2835	-0.0165	.00010	-0.0038	-3.77440	-0.00816
3.500	GRADIENT	.02373	-.00182	.02185	-.00186	.00024	.00007	-.00002	-.00001	.00005	-.00009

LAI131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A117) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 ELV-L1 = -6.250
 ELV-R0 = -3.750
 AILRON = .000
 SPDBRK = 55.000

ELV-LO = -3.750
 ELV-R1 = -6.250
 ELEVON = -5.000
 BDFLAP = .000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 450/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.360	-1.0590	.10440	-.10151	.10867	-.01236	-.00012	.00073	-.00002	-3.75600	-.00630
4.500	-.339	-.06431	.09904	-.06373	.09941	-.01121	-.00061	.00071	-.00008	-3.75750	-.00481
4.500	1.632	-.02236	.09448	-.02504	.09380	-.01072	-.00030	.00060	-.00003	-3.75900	-.00332
4.500	3.627	.02031	.09074	.01453	.09184	-.00927	-.00015	.00056	-.00004	-3.76050	-.00182
4.500	4.649	.04199	.08845	.03468	.09156	-.00868	-.00029	.00059	-.00008	-3.76100	-.00529
4.500	5.626	.06559	.08640	.05681	.09242	-.00873	-.00017	.00052	-.00003	-3.76100	-.00529
4.500	7.618	.11415	.08386	.10203	.09825	-.00818	-.00018	.00055	-.00011	-3.75900	-.00332
4.500	9.628	.16610	.08224	.15001	.10897	-.00757	-.00033	.00054	-.00008	-3.75750	-.00481
4.500	11.649	.22003	.08054	.19924	.12331	-.00799	-.00032	.00055	-.00006	-3.76350	-.00117
4.500	12.608	.24673	.07967	.22339	.13160	-.00747	-.00024	.00057	-.00005	-3.75700	-.00134
4.500	13.648	.27738	.07879	.25096	.14202	-.00764	-.00030	.00059	-.00005	-3.76250	-.00380
4.500	14.631	.30675	.07789	.27713	.15285	-.00773	-.00034	.00051	-.00005	-3.76250	-.00380
4.500	15.625	.33860	.07715	.30531	.16549	-.00779	-.00025	.00047	-.00010	-3.75900	-.00332
4.500	16.636	.37120	.07609	.33387	.17918	-.00812	-.00059	.00041	-.00021	-3.76050	-.00182
4.500	17.652	.40336	.07527	.36154	.19404	-.00863	-.00047	.00031	-.00023	-3.76000	-.00165
4.500	19.637	.46980	.07373	.41770	.22732	-.00949	-.00082	.00023	-.00027	-3.76050	-.00182
4.500	23.663	.61707	.07097	.53670	.31267	-.01335	.00124	.00009	.00041	-3.75850	-.00016
4.500	24.654	.65410	.07075	.56496	.33716	-.01418	.00129	.00012	.00039	-3.76150	.00315
4.500	27.624	.77423	.06971	.65366	.42074	-.01858	.00114	.00012	.00051	-3.76300	.00464
4.500	31.660	.94982	.06650	.77357	.55514	-.02657	.00186	-.00007	.00060	-3.76700	.00069
4.500	GRADIENT	.02115	-.00224	.01949	-.00238	.00051	.00001	-.00002	-.00000	-.00073	.00033

LAI131,MODEL 106-0. SILTS ON, SB CAVITY OPEN

(17A118) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 1.250
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = 1.250 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDRK = 55.000 RUDDER = .000

RUN NO. 445/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.447	-.10839	.13457	-.10254	.13907	.00868	-.00400	.00111	-.00026	1.24280	.00740
2.500	-.390	-.04567	.13115	-.04477	.13146	.00470	-.00334	.00095	-.00026	1.24800	.00643
2.500	1.618	.01461	.12916	.01096	.12952	-.00014	-.00327	.00100	-.00032	1.24060	.00527
2.500	3.651	.07578	.12617	.06759	.13074	-.00425	-.00286	.00094	-.00040	1.24590	.00429
2.500	4.555	.10394	.12414	.09375	.13202	-.00628	-.00255	.00094	-.00038	1.24590	.00429
2.500	5.605	.13518	.12259	.12256	.13520	-.00831	-.00262	.00088	-.00041	1.24060	.00527
2.500	7.650	.20068	.11986	.18294	.14551	-.01131	-.00198	.00085	-.00037	1.23910	.00683
2.500	9.632	.26841	.11798	.24489	.16122	-.01398	-.00214	.00084	-.00045	1.23910	.00683
2.500	11.588	.33698	.11569	.30687	.18102	-.01725	-.0078	.00087	-.00042	1.24370	.00216
2.500	12.591	.37363	.11435	.33972	.19305	-.01929	-.0019	.00091	-.00046	1.24430	.00585
2.500	13.609	.41098	.11288	.37288	.20641	-.02156	-.00181	.00089	-.00045	1.23910	.00683
2.500	14.604	.44746	.11143	.40491	.22064	-.02356	-.00190	.00089	-.00037	1.24370	.00216
2.500	15.593	.48419	.10977	.43686	.23589	-.02582	-.00129	.00095	-.00034	1.24710	.00158
2.500	16.573	.52149	.10856	.46886	.25280	-.02750	-.00149	.00088	-.00030	1.24220	.00371
2.500	17.628	.56034	.10710	.50160	.27176	-.02979	-.00146	.00078	-.00033	1.23850	.00314
2.500	19.647	.63609	.10412	.56405	.31192	-.03354	-.00109	.00067	-.00022	1.23690	.00469
2.500	23.653	.79560	.09765	.68958	.40864	-.04525	-.00010	.00012	-.00006	1.24220	.00371
2.500	24.630	.83778	.09622	.72146	.43662	-.04863	.00033	.00006	-.00005	1.23910	.00683
2.500	27.632	.96666	.09013	.81460	.52818	-.05839	.00146	-.00004	-.00007	1.23750	.00838
2.500	31.660	1.14420	.07965	.93216	.68837	-.07077	.00101	.00039	-.00013	1.24220	.00371
2.500	GRADIENT	.03025	-.00142	.02797	-.00089	-.00215	.00018	-.00002	-.00002	.00021	-.00047

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 ELV-L1 = -1.250
 ELV-R0 = 1.250
 AILRON = .000
 SPDBRK = 55.000

ELV-LO = 1.250
 ELV-R1 = -1.250
 ELEVON = .000
 BDFLAP = .000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 448/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.380	-.10281	.11374	-.09800	.11791	-.01005	-.00062	.00078	-.00009	1.23650	.01363
3.500	-.339	-.05692	.10922	-.05627	.10955	-.00929	-.00066	.00081	-.00012	1.23500	.01519
3.500	1.719	-.00881	.10624	-.01199	.10592	-.00860	-.00079	.00036	-.00015	1.23650	.01363
3.500	3.654	.03788	.10296	.03125	.10517	-.00803	-.00038	.00075	-.00010	1.23810	.01207
3.500	4.652	.06314	.10121	.05471	.10600	-.00782	-.00038	.00070	-.00016	1.23500	.01519
3.500	5.726	.09188	.09910	.08154	.10778	-.00843	-.00059	.00068	-.00016	1.24280	.00740
3.500	7.682	.14591	.09701	.13163	.11564	-.00895	-.00058	.00071	-.00017	1.23440	.01150
3.500	9.669	.20327	.09524	.18439	.12803	-.00962	-.00072	.00078	-.00020	1.24120	.00896
3.500	11.680	.26312	.09380	.23868	.14513	-.01086	-.00060	.00074	-.00011	1.23600	.00994
3.500	12.663	.29456	.09303	.26700	.15534	-.01162	-.00042	.00076	-.00010	1.23550	.01363
3.500	13.671	.32655	.09224	.29550	.16680	-.01246	-.00049	.00072	-.00009	1.23280	.01305
3.500	14.631	.35765	.09128	.32300	.17866	-.01344	-.00019	.00072	-.00009	1.23970	.01052
3.500	15.679	.39215	.09008	.35321	.19270	-.01486	-.00003	.00063	-.00004	1.23970	.01052
3.500	16.673	.42563	.08903	.38219	.20740	-.01634	-.00000	.00058	-.00001	1.23440	.01150
3.500	17.700	.46021	.08795	.41168	.22370	-.01781	.00003	.00053	.00002	1.23500	.01519
3.500	19.731	.53265	.08552	.47250	.26033	-.02130	.00020	.00043	.00007	1.23600	.00994
3.500	23.700	.68305	.08209	.59244	.34972	-.02784	.00066	.00029	.00016	1.23380	.00781
3.500	24.703	.72292	.08187	.62255	.37650	-.02943	.00048	.00020	.00019	1.23380	.00781
3.500	27.650	.84591	.07967	.71233	.46314	-.03403	.00122	.00002	.00024	1.23380	.00781
3.500	31.792	1.03480	.07448	.84033	.60850	-.04548	.00144	.00022	.00033	1.22860	.00878
3.500	GRADIENT	.02357	-.00174	.02170	-.00163	.00032	.00004	-.00001	-.00001	.00004	-.00004

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A118) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 1.250
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = 1.250 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 4517 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.358	-.10150	.10416	-.09713	.10824	-.01565	-.00040	.00071	-.00007	1.24860	.01012
4.500	-.347	-.06089	.09886	-.06029	.09923	-.01428	-.00063	.00066	-.00011	1.25010	.00856
4.500	1.622	-.01932	.09437	-.02198	.09379	-.01352	-.00031	.00055	-.00005	1.24700	.01167
4.500	3.636	.02337	.09077	.01756	.09207	-.01205	-.00002	.00053	-.00004	1.25170	.00700
4.500	4.656	.04602	.08867	.03867	.09212	-.01158	-.00017	.00055	-.00004	1.24860	.01012
4.500	5.621	.06910	.08647	.06029	.09283	-.01176	-.00046	.00050	-.00007	1.24860	.01012
4.500	7.637	.11903	.08413	.10679	.09920	-.01222	-.00020	.00051	-.00004	1.24960	.00487
4.500	9.643	.17089	.08242	.15467	.10988	-.01211	-.00063	.00050	-.00009	1.25170	.00700
4.500	11.620	.22538	.08079	.20449	.12453	-.01268	-.00020	.00054	-.00002	1.24960	.00487
4.500	12.614	.25328	.08002	.22969	.13400	-.01289	-.00027	.00050	-.00002	1.24860	.01012
4.500	13.626	.28361	.07915	.25698	.14373	-.01346	-.00019	.00051	-.00002	1.24800	.00643
4.500	14.651	.31527	.07845	.28518	.15564	-.01401	-.00015	.00047	-.00009	1.25010	.00856
4.500	15.646	.34745	.07774	.31361	.16857	-.01458	-.00050	.00040	-.00014	1.24650	.00798
4.500	16.663	.38001	.07675	.34204	.18250	-.01542	-.00042	.00033	-.00020	1.24650	.00798
4.500	17.641	.41227	.07606	.36983	.19743	-.01592	-.00073	.00029	-.00021	1.24740	.00273
4.500	19.641	.48093	.07484	.42779	.23214	-.01790	-.00092	.00015	-.00033	1.24390	.01479
4.500	23.631	.62852	.07238	.54681	.31825	-.02379	-.00105	-.00002	-.00042	1.24800	.00643
4.500	24.639	.66800	.07235	.57702	.34424	-.02524	-.00138	.00001	-.00045	1.24650	.00798
4.500	27.659	.79145	.07170	.66772	.43090	-.03120	-.00124	.00010	-.00053	1.24800	.00643
4.500	31.638	.96652	.06788	.78727	.56477	-.04421	-.00252	.00010	-.00068	1.24120	.00896
4.500	GRADIENT	.02104	-.00218	.01937	-.00225	.00058	.00006	-.00003	.00001	.00012	-.00011

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 ELV-LI =
 ELV-RO =
 AILRON =
 SPDBRK =

.000 ELV-LO = 6.250
 3.750 ELV-RI = 3.750
 6.250 ELEVON = 5.000
 .000 BDFLAP = .000
 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 446/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.428	-.09471	.13530	-.08890	.13919	-.00126	-.00357	.00098	-.00050	6.24930	.00281
2.500	-.477	-.03535	.13199	-.03425	.13228	-.00313	-.00313	.00092	-.00050	6.24700	.00507
2.500	1.557	.02448	.13024	.02093	.13086	-.00305	-.00305	.00102	-.00053	6.24270	.00531
2.500	3.659	.08776	.12769	.07943	.13303	-.01359	-.00295	.00095	-.00061	6.24500	.00305
2.500	4.580	.11533	.12589	.10491	.13470	-.01531	-.00249	.00090	-.00061	6.24050	.00757
2.500	5.625	.14870	.12463	.13577	.13660	-.01795	-.00186	.00088	-.00058	6.23820	.00983
2.500	7.572	.21072	.12221	.19278	.14891	-.02162	-.00207	.00088	-.00053	6.23820	.00983
2.500	9.637	.28183	.11993	.25778	.16542	-.02534	-.00208	.00085	-.00061	6.23820	.00983
2.500	11.671	.35499	.11792	.32380	.18729	-.02966	-.00171	.00094	-.00070	6.23620	.00781
2.500	12.621	.38997	.11703	.35497	.19942	-.03192	-.00165	.00093	-.00066	6.23620	.00781
2.500	13.567	.42476	.11609	.38567	.21249	-.03412	-.00175	.00094	-.00063	6.23390	.01007
2.500	14.570	.46254	.11462	.41883	.22729	-.03666	-.00184	.00099	-.00055	6.23850	.00555
2.500	15.643	.50307	.11321	.45390	.24467	-.03931	-.00123	.00095	-.00059	6.24050	.00757
2.500	16.556	.53780	.11224	.48352	.26084	-.04148	-.00135	.00091	-.00065	6.23420	.00580
2.500	17.549	.57446	.11110	.51423	.27914	-.04375	-.00148	.00081	-.00057	6.23620	.00781
2.500	19.587	.65270	.10827	.57863	.32081	-.04876	-.00095	.00072	-.00047	6.23620	.00781
2.500	23.569	.81577	.10245	.70675	.42009	-.06277	.00006	.00026	-.00032	6.23170	.01233
2.500	24.623	.86051	.10108	.74015	.45041	-.06664	.00017	.00016	-.00035	6.23390	.01007
2.500	27.638	.99083	.09637	.83306	.54501	-.07861	.00150	-.00009	-.00034	6.23620	.00781
2.500	31.598	1.17030	.08647	.95148	.68662	-.09265	.00072	.00022	-.00040	6.24050	.00757
2.500	GRADIENT	.02992	-.00126	.02761	-.00051	-.00202	.00012	-.00001	-.00002	-.00104	.00036

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 6.250
 ELV-LI = 3.750 ELV-RI = 3.750
 ELV-RO = 6.250 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 449/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.426	-.09766	.11401	-.09274	.11804	-.01528	-.00063	.00077	-.00019	6.24220	.01386
3.500	-.303	-.04998	.10951	-.04940	.10978	-.01456	-.00076	.00087	-.00020	6.24020	.01184
3.500	1.710	-.00185	.10676	-.00503	.10666	-.01380	-.00039	.00080	-.00023	6.23570	.01636
3.500	3.737	.04691	.10361	.04008	.10644	-.01354	-.00039	.00077	-.00024	6.23800	.01410
3.500	4.683	.07184	.10201	.06328	.10753	-.01374	-.00019	.00069	-.00026	6.23800	.01410
3.500	5.652	.09878	.10016	.08844	.10941	-.01467	-.00029	.00067	-.00030	6.23370	.01434
3.500	7.717	.15664	.09818	.14204	.11832	-.01578	-.00078	.00077	-.00036	6.23600	.01209
3.500	9.717	.21546	.09658	.19607	.13156	-.01770	-.00063	.00074	-.00032	6.22940	.01459
3.500	11.683	.27588	.09541	.25084	.14930	-.01968	-.00050	.00075	-.00032	6.23140	.01660
3.500	12.703	.30794	.09481	.27955	.16020	-.02089	-.00064	.00075	-.00036	6.23370	.01434
3.500	13.699	.34032	.09412	.30835	.17204	-.02231	-.00026	.00076	-.00037	6.23370	.01862
3.500	14.666	.37199	.09337	.33623	.18450	-.02394	-.00031	.00072	-.00030	6.23350	.01434
3.500	15.698	.40702	.09226	.36687	.19895	-.02563	-.00004	.00063	-.00034	6.23370	.01862
3.500	16.719	.44155	.09131	.39661	.21448	-.02776	-.00001	.00060	-.00026	6.23170	.01233
3.500	17.646	.47454	.09052	.42477	.23011	-.02974	.00012	.00054	-.00022	6.22990	.00604
3.500	19.633	.54568	.08857	.48420	.26677	-.03400	.00018	.00046	-.00016	6.24000	.01612
3.500	23.639	.70069	.08606	.60739	.35980	-.04349	.00063	.00026	-.00016	6.23800	.01410
3.500	24.622	.74038	.08606	.63720	.38670	-.04528	.00079	.00028	-.00018	6.24020	.01184
3.500	27.696	.87243	.08475	.73308	.48053	-.05229	.00142	.00008	-.00009	6.25100	.00910
3.500	31.736	1.05860	.08136	.85749	.62600	-.06554	.00151	.00014	-.00004	6.24430	.01587
3.500	.02382	.02382	-.00164	.02193	-.00141	.00023	.00007	-.00001	-.00001	-.00062	.00016

(17A119) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 6.250
 ELV-LI = 3.750 ELV-RI = 3.750
 ELV-RO = 6.250 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 452/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.387	-.09807	.10421	-.09364	.10820	-.01895	-.00028	.00067	-.00013	6.24250	6.250
4.500	-.372	-.05740	.09911	-.05675	.09948	-.01756	-.00064	.00062	-.00013	6.24250	.00958
4.500	1.622	-.01492	.09481	-.01760	.09435	-.01691	-.00032	.00051	-.00010	6.24500	.00305
4.500	3.664	.02913	.09091	.02326	.09258	-.01620	-.00031	.00049	-.00009	6.23820	.00983
4.500	4.646	.05081	.08921	.04342	.09303	-.01597	-.00018	.00053	-.00011	6.24050	.00757
4.500	5.680	.07620	.08716	.06720	.09427	-.01649	-.00019	.00048	-.00015	6.24470	.00733
4.500	7.632	.12611	.08516	.11368	.10116	-.01745	-.00048	.00053	-.00018	6.24020	.01184
4.500	9.604	.17746	.08371	.16101	.11215	-.01838	-.00064	.00049	-.00018	6.23800	.01410
4.500	11.650	.23416	.08200	.21278	.12760	-.01979	-.00049	.00054	-.00018	6.24050	.00757
4.500	12.613	.26256	.08159	.23841	.13695	-.02051	-.00015	.00048	-.00011	6.23600	.01209
4.500	13.651	.29511	.08098	.26766	.14834	-.02167	.00007	.00049	-.00008	6.24450	.01160
4.500	14.630	.32636	.08046	.29546	.16028	-.02262	.00013	.00045	-.00003	6.24250	.00958
4.500	15.640	.35845	.07973	.32369	.17342	-.02407	.00020	.00040	-.00001	6.24020	.01184
4.500	16.627	.39143	.07907	.35244	.18776	-.02528	.00040	.00034	.00006	6.24470	.00733
4.500	17.619	.42504	.07853	.38133	.20351	-.02678	.00056	.00029	.00009	6.23800	.01410
4.500	19.617	.49500	.07747	.44026	.23916	-.03001	.00062	.00017	.00013	6.23800	.01410
4.500	23.640	.64759	.07595	.56279	.32926	-.03835	.00132	.00006	.00022	6.23600	.01209
4.500	24.633	.68655	.07615	.59233	.35538	-.04081	.00136	.00005	.00022	6.23600	.01209
4.500	27.625	.81176	.07635	.68382	.44404	-.04838	.00122	.00012	.00025	6.23820	.00983
4.500	31.646	.99230	.07413	.80586	.58373	-.06304	.00236	.00008	.00030	6.23170	.01233
4.500		.02121	-.00212	.01954	-.00212	.00041	.00003	-.00002	.00001	-.00047	-.00022

GRADIENT

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A120) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 453/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.087	.24665	.12097	.22306	.16036	-.00115	-.00196	-.00004	-.00809	-9.55100	-9.53580
2.500	-14.937	.25067	.11957	.22724	.15966	-.00374	-.00226	.00063	-.00693	-7.47860	-7.45830
2.500	-9.951	.25668	.11757	.23348	.15873	-.00745	-.00238	.00108	-.00540	-4.98540	-4.96510
2.500	-4.958	.26319	.11687	.23999	.15915	-.01103	-.00209	.00125	-.00376	-2.48920	-2.46890
2.500	.200	.26913	.11757	.24573	.16084	-.01553	-.00202	.00110	-.00199	.08977	.11012
2.500	5.390	.27625	.11916	.25248	.16360	-.02080	-.00153	.00070	-.00001	2.68460	2.70500
2.500	10.816	.28281	.12070	.25869	.16622	-.02708	-.00151	.00007	.00026	5.39770	5.41810
2.500	15.777	.29168	.12357	.26694	.17054	-.03402	-.00109	-.00132	.00475	7.87590	7.90140
	GRADIENT	.00115	.00014	.00111	.00033	-.00087	.00001	-.00003	.00034	.50000	.50000

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A121) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 454/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.102	.31742	.11782	.28729	.17917	-.00429	-.00200	.00043	-.00844	-9.56880	-9.53290
2.500	-14.944	.32148	.11657	.29151	.17877	-.00690	-.00256	.00103	-.00704	-7.48750	-7.45680
2.500	-9.951	.32682	.11491	.29706	.17826	-.01069	-.00278	.00138	-.00557	-4.98290	-4.96770
2.500	-4.954	.33432	.11466	.30442	.17956	-.01453	-.00235	.00143	-.00402	-2.48960	-2.46410
2.500	.204	.33920	.11577	.30899	.18162	-.01904	-.00238	.00119	-.00213	.09449	.10966
2.500	5.386	.34627	.11717	.31563	.18442	-.02484	-.00223	.00068	-.00007	2.68260	2.70300
2.500	10.823	.35482	.11899	.32363	.18794	-.03162	-.00184	-.00016	.00245	5.40150	5.42190
2.500	15.777	.36417	.12179	.33221	.19259	-.03857	-.00129	-.00144	.00504	7.87850	7.89880
	GRADIENT	.00095	.00022	.00089	.00040	-.00087	-.00001	-.00005	.00037	.50099	.49899

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 455/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.090	.38808	.11469	.35033	.20255	-.00720	-.00285	.00077	-.00847	-9.55800	-9.53250
2.500	-14.941	.39275	.11299	.35526	.20201	-.01039	-.00271	.00132	-.00728	-7.48050	-7.46010
2.500	-9.951	.39857	.11201	.36114	.20244	-.01412	-.00281	.00154	-.00571	-4.98290	-4.96770
2.500	-4.949	.40287	.11227	.36526	.20369	-.01812	-.00272	.00150	-.00398	-2.48740	-2.46190
2.500	.204	.41017	.11288	.37221	.20601	-.02275	-.00236	.00122	-.00215	.09449	.10966
2.500	5.386	.41877	.11478	.38013	.20988	-.02912	-.00201	.00067	.00012	2.67490	2.71070
2.500	10.820	.42732	.11701	.38791	.21405	-.03625	-.00165	-.00022	.00275	5.39450	5.42510
2.500	15.777	.43617	.12007	.39580	.21910	-.04372	-.00113	-.00162	.00550	7.87590	7.90140
2.500	GRADIENT	.00142	.00012	.00135	.00045	-.00090	.00007	-.00005	.00035	.50099	.49899

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 456/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.094	.46095	.11132	.41418	.23092	-.01131	-.00262	.00100	-.00872	-9.55730	-9.53690
2.500	-14.948	.46421	.10977	.41772	.23031	-.01375	-.00282	.00146	-.00737	-7.48420	-7.46380
2.500	-9.954	.47264	.10941	.42594	.23223	-.01784	-.00237	.00166	-.00591	-4.99000	-4.96450
2.500	-4.945	.47825	.10963	.43128	.23396	-.02212	-.00229	.00158	-.00426	-2.48010	-2.46490
2.500	.208	.48407	.10997	.43679	.23586	-.02739	-.00212	.00125	-.00222	.08887	.11956
2.500	5.390	.49233	.11211	.44418	.24013	-.03397	-.00147	.00063	.00011	2.67690	2.71270
2.500	10.816	.50172	.11426	.45265	.24470	-.04126	-.00170	-.00042	.00297	5.39770	5.41810
2.500	15.769	.51133	.11765	.46101	.25055	-.04911	-.00123	-.00195	.00590	7.87430	7.89470
2.500	GRADIENT	.00113	.00007	.00107	.00037	-.00102	.00003	-.00007	.00040	.49650	.50150

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

DATE 25 JUN 80

LA131 (LARC UPMT 1299)

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LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A124) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 468/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.075	.24915	.11599	.28637	.15584	-.00130	-.00144	.00090	.00324	-7.46040	7.61420
2.500	-9.939	.25520	.11587	.23235	.15674	-.00575	-.00128	.00070	.00143	-4.89470	5.04440
2.500	-4.817	.26038	.11680	.23731	.15851	-.00982	-.00173	.00074	.00005	-2.33390	2.48360
2.500	.034	.26680	.11698	.24350	.15977	-.01549	-.00202	.00106	-.00201	.09167	.05808
2.500	4.696	.27599	.11846	.25239	.16279	-.02103	-.00235	.00167	-.00415	2.42270	-2.27290
2.500	9.168	.28328	.12121	.25912	.16672	-.02675	-.00240	.00267	-.00608	4.66270	-4.50480
2.500	14.862	.29275	.12587	.26768	.17290	-.03525	-.00339	.00433	-.00895	7.50600	-7.35630
GRADIENT		.00164	.00017	.00158	.00045	-.00118	-.00006	.00010	-.00044	.50001	-.49999

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A125) (24 JUN 80)

RUN NO. 467/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.082	.31750	.11401	.28821	.17531	-.00396	-.00123	.00080	.00326	-7.46210	7.62000
2.500	-9.944	.32430	.11416	.29485	.17683	-.00860	-.00159	.00069	.00146	-4.89510	5.04890
2.500	-4.817	.32980	.11475	.30012	.17850	-.01299	-.00163	.00083	-.00005	-2.33390	2.48360
2.500	.043	.33606	.11532	.30810	.18071	-.01893	-.00191	.00116	-.00221	.10039	.05746
2.500	4.696	.34384	.11668	.31349	.18320	-.02448	-.00254	.00188	-.00420	2.42670	-2.26890
2.500	9.190	.35222	.11979	.32107	.18793	-.03081	-.00327	.00288	-.00635	4.64980	-4.54060
2.500	14.844	.36328	.12490	.33089	.19515	-.03994	-.00352	.00477	-.00946	7.49710	-7.34730
GRADIENT		.00148	.00020	.00141	.00049	-.00121	-.00009	.00011	-.00044	.50043	-.49957

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 14.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 5.000 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 2.500 AILRON = .000
 SCALE = .0200 GRADIENT = 14.849 GRADIENT INTERVAL = -5.00/ 5.00 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 466/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.071	.39105	.11128	.35400	.19996	-.00747	-.00125	.00070	.00335	-7.45960	7.61240
2.500	-9.944	.39765	.11133	.36040	.20156	-.01231	-.00137	.00065	.00152	-4.89510	5.04890
2.500	-4.810	.40206	.11169	.36461	.20293	-.01659	-.00156	.00080	.00000	-2.33000	2.47980
2.500	.040	.41073	.11244	.37286	.20570	-.02263	-.00189	.00124	-.00223	.09681	.05699
2.500	4.696	.41879	.11363	.38042	.20875	-.02873	-.00218	.00199	-.00449	2.42470	-2.27090
2.500	9.199	.42546	.11674	.38618	.21334	-.03545	-.00256	.00312	-.00666	4.65440	-4.54510
2.500	14.849	.43869	.12269	.39764	.22223	-.04478	-.00356	.00517	-.00988	7.50340	-7.34550
	GRADIENT	.00176	.00020	.00166	.00061	-.00128	-.00007	.00013	-.00047	.50021	-.49979

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN (17A127) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 16.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 5.000 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 2.500 AILRON = .000
 SCALE = .0200 GRADIENT = 14.853 GRADIENT INTERVAL = -5.00/ 5.00 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 465/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.078	.46318	.10843	.41711	.22872	-.01116	-.00113	.00061	.00357	-7.46430	7.61410
2.500	-9.949	.47019	.10848	.42385	.23066	-.01606	-.00116	.00061	.00170	-4.89960	5.04940
2.500	-4.821	.47600	.10863	.42939	.23238	-.02068	-.00156	.00077	-.00000	-2.33580	2.48560
2.500	.030	.48390	.10954	.43676	.23537	-.02724	-.00196	.00122	-.00235	.09011	.05964
2.500	4.698	.49095	.11138	.44307	.23901	-.03347	-.00200	.00210	-.00447	2.42620	-2.27240
2.500	9.163	.50086	.11446	.45180	.24463	-.04050	-.00258	.00333	-.00708	4.65630	-4.50660
2.500	14.853	.51246	.12054	.46136	.25355	-.05055	-.00400	.00547	-.01039	7.50160	-7.35180
	GRADIENT	.00157	.00029	.00144	.00070	-.00134	-.00005	.00014	-.00047	.50021	-.49980

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A.28) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

MACH 2.500 BDFLAP -10.137 CN .26474 CA .11761 CL .24142 CD .16011 CLM -.01016 CY -.00178 CYN .00104 ELEVON .08264 AILRON .08331
 2.500 -4.942 .26478 .11730 .24153 .15980 -.01245 -.00194 .00107 .07817
 2.500 .054 .26851 .11721 .24522 .16033 -.01541 -.00179 .00105 .08327
 2.500 5.276 .27174 .11753 .24835 .16117 -.01934 -.00196 .00101 .07723
 2.500 10.313 .27624 .11898 .25255 .16334 -.02419 -.00190 .00103 .07346
 2.500 15.257 .28203 .12174 .25782 .16701 -.03094 -.00161 .00105 .07162
 GRADIENT .00075 .00002 .00074 .00011 .00059 .00003 .00003 .00000 .00000 .00072

RUN NO. 469/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A.29) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

MACH 2.500 BDFLAP -10.080 CN .26523 CA .11768 CL .24197 CD .16029 CLM -.01036 CY -.00185 CYN .00103 ELEVON .09886 AILRON .08395
 2.500 -4.891 .26600 .11723 .24272 .15996 -.01258 -.00194 .00105 .08649
 2.500 .066 .26865 .11705 .24537 .16021 -.01562 -.00148 .00106 .09050
 2.500 4.871 .27254 .11753 .24913 .16132 -.01926 -.00173 .00102 .06302
 2.500 10.318 .27848 .11890 .25476 .16366 -.02415 -.00135 .00107 .08747
 2.500 15.099 .28337 .12135 .25920 .16686 -.02991 -.00191 .00105 .07365
 GRADIENT .00067 .00003 .00066 .00014 .00068 .00002 .00002 .00000 .00000 .00327

RUN NO. 476/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A130) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 470/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.100	.33339	.11520	.30349	.17976	-.01308	-.00190	.00115	-.00209	.09361	.08493
2.500	-5.000	.33457	.11510	.30468	.17988	-.01556	-.00207	.00113	-.00210	.08373	.07817
2.500	.050	.33771	.11529	.30772	.18068	-.01908	-.00223	.00115	-.00212	.08062	.08128
2.500	5.255	.34357	.11613	.31329	.18268	-.02338	-.00162	.00118	-.00216	.08062	.08128
2.500	10.313	.34786	.11771	.31720	.18506	-.02845	-.00102	.00118	-.00210	.08156	.08444
2.500	15.248	.35144	.12024	.32022	.18822	-.03497	-.00182	.00115	-.00216	.07078	.09112
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A131) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 475/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.096	.33463	.11504	.30467	.17998	-.01322	-.00198	.00118	-.00207	.09419	.08862
2.500	-4.905	.33707	.11507	.30705	.18049	-.01561	-.00190	.00114	-.00219	.09517	.08337
2.500	.333	.33953	.11549	.30939	.18137	-.01885	-.00207	.00116	-.00209	.07065	.09885
2.500	.074	.34034	.11531	.31021	.18138	-.01911	-.00168	.00116	-.00218	.09680	.08747
2.500	5.196	.34299	.11614	.31267	.18268	-.02340	-.00216	.00118	-.00213	.07610	.07365
2.500	10.293	.34771	.11774	.31698	.18518	-.02846	-.00226	.00114	-.00217	.08218	.07972
2.500	15.271	.35300	.12031	.32166	.18873	-.03472	-.00212	.00118	-.00215	.08992	.08435
	GRADIENT	.00061	.00007	.00058	.00018	-.00071	.00001	.00000	.00001	-.00321	-.00175

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A132) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 471/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.080	.40629	.11235	.36846	.20478	-.01650	-.00164	.00124	-.00215	.08952	.09329
2.500	-4.956	.40990	.11204	.37205	.20531	-.01923	-.00164	.00124	-.00224	.08836	.08591
2.500	.066	.41343	.11234	.37542	.20642	-.02287	-.00173	.00124	-.00227	.08632	.09075
2.500	5.285	.41548	.11345	.37718	.20793	-.02765	-.00176	.00124	-.00217	.08894	.08960
2.500	10.330	.42046	.11555	.38154	.21111	-.03320	-.00178	.00124	-.00217	.09107	.09173
2.500	15.243	.42847	.11848	.38864	.21582	-.04019	-.00171	.00127	-.00224	.08894	.08960
	GRADIENT	.00070	.00006	.00067	.00022	-.00072	-.00002	-.00000	-.00001	.00158	.00097

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A133) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 474/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-9.968	.40409	.11216	.36651	.20382	-.01666	-.00172	.00126	-.00210	.07968	.07412
2.500	-4.913	.40757	.11209	.36991	.20455	-.01943	-.00181	.00122	-.00218	.08992	.08435
2.500	.066	.40989	.11253	.37208	.20550	-.02265	-.00198	.00123	-.00214	.08992	.08435
2.500	5.255	.41466	.11365	.37648	.20766	-.02745	-.00175	.00125	-.00221	.08836	.08533
2.500	10.301	.42017	.11541	.38144	.21063	-.03307	-.00162	.00127	-.00221	.08467	.08533
2.500	15.257	.42653	.11824	.38696	.21487	-.03996	-.00140	.00127	-.00223	.08264	.08331
	GRADIENT	.00047	.00009	.00044	.00019	-.00065	-.00003	-.00000	-.00001	.00000	.00000

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN (17A134) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO ALPHA = 16.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 5.000 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 2.500 AILRON = .000
 SCALE = .0200 SPDBRK = 55.000 RUDDER = .000

RUN NO. 472/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CPL	ELEVON	AILRON
2.500	-10.088	.47864	.10909	.43171	.23373	-.02050	-.00139	.00126	-.00224	.06894	.08960
2.500	-4.898	.48082	.10909	.43382	.23429	-.02325	-.00156	.00130	-.00216	.08836	.08591
2.500	.054	.48671	.10956	.43937	.23632	-.01738	-.00140	.00128	-.00234	.08836	.08591
2.500	5.276	.49065	.11064	.44289	.23838	-.03260	-.00174	.00123	-.00230	.08623	.08377
2.500	10.276	.49649	.11292	.44792	.24212	-.03852	-.00136	.00131	-.00225	.08062	.08128
2.500	15.234	.50197	.11594	.45242	.24642	-.04588	-.00170	.00128	-.00233	.07798	.08798
	GRADIENT	.00119	.00009	.00112	.00041	-.00083	.00003	-.00000	-.00004	.00000	.00000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN (17A135) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO ALPHA = 16.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 5.000 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 2.500 AILRON = .000
 SCALE = .0200 SPDBRK = 55.000 RUDDER = .000

RUN NO. 473/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.076	.47976	.10921	.43276	.23413	-.02043	-.00139	.00126	-.00221	.09419	.08862
2.500	-4.902	.48352	.10915	.43639	.23509	-.02345	-.00163	.00122	-.00231	.09263	.09018
2.500	.050	.48568	.10961	.43837	.23607	-.02733	-.00173	.00124	-.00222	.09050	.08804
2.500	5.213	.49060	.11068	.44283	.23840	-.03244	-.00134	.00133	-.00228	.08015	.07770
2.500	10.322	.49656	.11295	.44799	.24213	-.03876	-.00168	.00129	-.00228	.08311	.08689
2.500	15.201	.50217	.11597	.45261	.24649	-.04588	-.00178	.00127	-.00226	.08523	.08377
	GRADIENT	.00044	.00009	.00040	.00020	-.00078	.00002	-.00000	.00002	-.00043	-.00043

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A136) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 477/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.080	.26687	.11801	.24344	.16088	-.01141	-.03231	.00159	-.00467	.09730	.08551
2.500	-4.898	.26784	.11738	.24451	.16041	-.01363	-.03246	.00152	-.00485	.09263	.09018
2.500	.054	.27019	.11744	.24683	.16085	-.01669	-.03266	.00154	-.00471	.08680	.08747
2.500	5.255	.27457	.11770	.25111	.16183	-.02052	-.03233	.00150	-.00482	.08311	.08689
2.500	10.334	.27805	.11917	.25430	.16384	-.02524	-.03234	.00155	-.00479	.08623	.08377
2.500	15.257	.28391	.12154	.25970	.16714	-.03126	-.03230	.00155	-.00481	.08062	.08128
2.500	GRADIENT	.00047	.00001	.00047	.00009	-.00062	-.00004	.00000	.00003	-.00118	-.00055

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A137) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 12.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 478/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.080	.33501	.11582	.30498	.18066	-.01456	-.03222	.00132	-.00527	.09788	.08920
2.500	-4.891	.33762	.11563	.30756	.18100	-.01682	-.03237	.00132	-.00529	.09419	.08862
2.500	.066	.34001	.11578	.30989	.18160	-.02021	-.03240	.00131	-.00526	.09050	.08804
2.500	5.280	.34412	.11651	.31378	.18313	-.02459	-.03293	.00131	-.00525	.08778	.08222
2.500	10.309	.34955	.11806	.31880	.18571	-.02969	-.03236	.00131	-.00527	.08680	.08747
2.500	15.262	.35314	.12053	.32185	.18881	-.03607	-.03301	.00133	-.00525	.08156	.08844
2.500	GRADIENT	.00048	.00003	.00047	.00012	-.00068	-.00000	-.00000	.00001	-.00074	-.00012

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A138) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 14.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 479/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.076	.40729	.11305	.36937	.20550	-.01743	-.03095	.00068	-.00541	.09574	.08706
2.500	-4.891	.41110	.11283	.37313	.20616	-.02007	-.03068	.00064	-.00541	.09788	.08920
2.500	.038	.41297	.11311	.37491	.20685	-.02391	-.03120	.00064	-.00552	.08623	.08377
2.500	5.285	.41547	.11414	.37711	.20839	-.02854	-.03130	.00064	-.00542	.08836	.08591
2.500	10.305	.42121	.11632	.38220	.21184	-.03393	-.03133	.00069	-.00539	.08467	.08533
2.500	15.262	.42740	.11903	.38760	.21589	-.04103	-.03126	.00062	-.00554	.08062	.08128
	GRADIENT	.00038	.00006	.00036	.00014	-.00078	-.00011	-.00000	-.00002	-.00236	-.00110

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 480/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.080	.47949	.10986	.43242	.23452	-.02097	-.02859	.00060	-.00524	.08894	.08960
2.500	-4.895	.48199	.10994	.43481	.23523	-.02399	-.02859	.00062	-.00533	.09050	.08804
2.500	-.309	.48586	.11048	.43841	.23678	-.02771	-.02854	.00060	-.00534	.07314	.06446
2.500	.098	.48619	.11053	.43871	.23692	-.02798	-.02822	.00060	-.00534	.08427	.09427
2.500	5.213	.49135	.11188	.44334	.23956	-.03314	-.02863	.00064	-.00536	.08062	.08128
2.500	10.334	.49712	.11411	.44832	.24321	-.03930	-.02818	.00059	-.00534	.08836	.08591
2.500	15.271	.50241	.11731	.45259	.24765	-.04658	-.02866	.00057	-.00532	.08623	.08377
	GRADIENT	.00084	.00012	.00078	.00034	-.00080	.00005	.00000	.00000	-.00230	-.00141

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A140) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 460/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.090	.25059	.12127	.28957	.16126	-.00230	-.03080	.00056	-.01046	-9.54710	-9.54330
2.500	-14.955	.25387	.11966	.29368	.16023	-.00546	-.03114	.00111	-.00925	-7.48120	-7.47430
2.500	-9.959	.25819	.11791	.30020	.15922	-.00883	-.03133	.00152	-.00773	-4.98420	-4.97420
2.500	-4.958	.26353	.11688	.30445	.15814	-.01235	-.03150	.00166	-.00627	-2.48250	-2.47560
2.500	.196	.26904	.11742	.31031	.16059	-.01664	-.03119	.00148	-.00454	.09436	.10125
2.500	5.386	.27576	.11907	.31630	.16335	-.02178	-.03080	.00107	-.00255	2.68780	2.69780
2.500	10.823	.28399	.12053	.32480	.16616	-.02787	-.03065	.00031	-.00039	5.40670	5.41670
2.500	15.773	.29234	.12347	.33224	.17046	-.03437	-.03031	-.00085	-.00198	7.88310	7.89000
	GRADIENT	.00107	.00010	.00104	.00028	-.00083	.00006	-.00004	.00034	.50000	.50000

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A141) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 459/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.090	.31978	.11800	.28957	.17981	-.00589	-.03102	.00072	-.01097	-9.55020	-9.54020
2.500	-14.933	.32366	.11647	.29368	.17909	-.00851	-.03135	.00120	-.00375	-7.47000	-7.46310
2.500	-9.943	.33001	.11490	.30020	.17886	-.01202	-.03166	.00149	-.00332	-4.97320	-4.96940
2.500	-4.954	.33440	.11515	.30445	.17998	-.01595	-.03110	.00151	-.00577	-2.48190	-2.47190
2.500	.213	.34055	.11596	.31031	.18202	-.02035	-.03087	.00127	-.00507	.10293	.10979
2.500	5.394	.34693	.11726	.31630	.18455	-.02574	-.03079	.00079	-.00299	2.69340	2.70030
2.500	10.823	.35599	.11916	.32480	.18824	-.03229	-.03063	-.00002	-.00057	5.40410	5.41930
2.500	15.769	.36415	.12186	.33224	.19252	-.03937	-.02983	-.00128	-.00192	7.87690	7.89210
	GRADIENT	.00119	.00016	.00113	.00039	-.00085	.00005	-.00005	.00033	.50000	.49970

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A142) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 458/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.098	.39096	.11499	.35302	.20359	-.00916	-.03017	.00030	-.01128	-9.55910	-9.53880
2.500	-14.933	.39565	.11348	.35793	.20323	-.01187	-.03053	.00077	-.01002	-7.47160	-7.46160
2.500	-9.951	.40074	.11310	.36297	.20407	-.01548	-.03022	.00093	-.00861	-4.98540	-4.96510
2.500	-4.958	.40539	.11332	.36744	.20537	-.01934	-.03035	.00093	-.00703	-2.48410	-2.47410
2.500	.204	.41252	.11343	.37433	.20716	-.02384	-.02944	.00068	-.00526	.09449	.10966
2.500	5.382	.41902	.11509	.38027	.21029	-.02973	-.02924	.00016	-.00299	2.68320	2.69840
2.500	10.816	.42909	.11746	.38950	.21496	-.03673	-.02882	-.00083	-.00048	5.40290	5.41290
2.500	15.773	.43639	.12058	.39586	.21970	-.04410	-.02883	-.00217	-.00220	7.87900	7.89420
	GRADIENT	.00138	.00002	.00133	.00035	-.00087	.00018	-.00005	.00034	.49951	.50051

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A143) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 457/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.094	.46528	.11213	.41813	.23286	-.01297	-.02791	-.00069	-.01141	-9.55470	-9.53950
2.500	-14.933	.46859	.11138	.42151	.23304	-.01543	-.02802	-.00037	-.01015	-7.47420	-7.45900
2.500	-9.954	.47336	.11067	.42629	.23364	-.01919	-.02763	-.00016	-.00871	-4.98480	-4.96970
2.500	-4.954	.47864	.11061	.43140	.23501	-.02313	-.02723	-.00016	-.00697	-2.48450	-2.46930
2.500	.204	.48344	.11075	.43599	.23641	-.02778	-.02722	-.00046	-.00499	.09708	.10708
2.500	5.382	.49340	.11276	.44504	.24104	-.03427	-.02687	-.00112	-.00285	2.68060	2.70100
2.500	10.820	.50255	.11543	.45314	.24606	-.04158	-.02680	-.00218	-.00012	5.40220	5.41740
2.500	15.769	.51169	.11866	.46108	.25163	-.04921	-.02644	-.00363	-.00276	7.87430	7.89470
	GRADIENT	.00093	.00003	.00089	.00027	-.00090	.00000	-.00006	.00038	.50050	.49950

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LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A144) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.071	.24900	.11643	.22616	.15623	-.00197	-.03100	.00137	.00066	-7.45860	7.61240
2.500	-9.934	.25541	.11662	.23244	.15750	-.00655	-.03114	.00114	-.00094	-4.89020	5.04400
2.500	-4.817	.26204	.11710	.23890	.15908	-.01068	-.03098	.00118	-.00258	-2.33190	2.48570
2.500	.040	.26985	.11747	.24652	.16076	-.01667	-.03147	.00148	-.00476	.09276	.05294
2.500	4.696	.27594	.11924	.25233	.16352	-.02252	-.03189	.00209	-.00673	2.41460	-2.28100
2.500	9.154	.28355	.12168	.25933	.16720	-.02840	-.03179	.00305	-.00865	4.64360	-4.51010
2.500	14.871	.29322	.12658	.26805	.17365	-.03686	-.03278	.00478	-.01156	7.50040	-7.37090
2.500	17.380	.30379	.13155	.27764	.18031	-.04445	-.03314	.00663	-.01422	8.75880	-8.62120
2.500	GRADIENT	.00146	.00022	.00140	.00047	-.00124	-.00010	.00009	-.00044	.49895	-.50107

RUN NO. 461/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.071	.31950	.11473	.29001	.17646	-.00518	-.03026	.00095	.00052	-7.46060	7.61030
2.500	-9.944	.32470	.11478	.29510	.17755	-.00969	-.03077	.00087	-.00129	-4.89920	5.04490
2.500	-4.817	.33165	.11564	.30173	.17978	-.01421	-.03090	.00090	-.00296	-2.33790	2.47960
2.500	.034	.33859	.11590	.30848	.18143	-.02022	-.03124	.00131	-.00509	.08964	.05606
2.500	4.696	.34715	.11748	.31655	.18469	-.02617	-.03100	.00198	-.00721	2.41460	-2.28100
2.500	9.149	.35432	.12046	.32298	.18905	-.03271	-.03204	.00299	-.00954	4.64340	-4.50580
2.500	14.840	.36569	.12581	.33305	.19657	-.04176	-.03285	.00488	-.01254	7.48670	-7.35320
2.500	17.380	.37445	.13134	.34053	.20372	-.04961	-.03319	.00690	-.01518	8.75880	-8.62120
2.500	GRADIENT	.00163	.00019	.00156	.00051	-.00126	-.00001	.00011	-.00045	.49958	-.50042

RUN NO. 462/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A145) (24 JUN 80)

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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(17A146) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 14.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 463/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.082	.39020	.11197	.35305	.20038	-.00818	-.02943	.00019	.00056	-7.47020	7.61190
2.500	-9.929	.39697	.11223	.35956	.20223	-.01302	-.02963	.00011	-.00134	-4.89170	5.03740
2.500	-4.814	.40355	.11286	.36581	.20438	-.01758	-.02943	.00022	-.00305	-2.33400	2.47970
2.500	.034	.41038	.11325	.37237	.20635	-.02353	-.02999	.00069	-.00524	.09572	.06213
2.500	4.698	.41896	.11519	.38024	.21028	-.03021	-.02981	.00141	-.00756	2.42210	-2.27640
2.500	9.158	.42719	.11843	.38748	.21535	-.03678	-.03089	.00256	-.00986	4.65610	-4.50230
2.500	14.862	.44043	.12469	.39888	.22454	-.04684	-.03148	.00467	-.01327	7.50810	-7.35430
	GRADIENT	.00162	.00024	.00152	.00062	-.00132	-.00004	.00013	-.00047	.50001	-.49999

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A147) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 464/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.075	.46254	.10944	.41623	.22950	-.01154	-.02677	-.00113	.00085	-7.46040	7.61420
2.500	-9.929	.47151	.10963	.42481	.23210	-.01658	-.02728	-.00119	-.00111	-4.88970	5.03950
2.500	-4.814	.47658	.10960	.42971	.23342	-.02148	-.02705	-.00102	-.00265	-2.33200	2.48170
2.500	.030	.48365	.11067	.43625	.23633	-.02793	-.02761	-.00053	-.00513	.09011	.05964
2.500	4.704	.49407	.11253	.44578	.24095	-.03502	-.02764	.00023	-.00765	2.42710	-2.27730
2.500	9.154	.50262	.11569	.45314	.24631	-.04155	-.02830	.00155	-.01012	4.65380	-4.50000
2.500	14.835	.51466	.12213	.46305	.25570	-.05206	-.02938	.00377	-.01358	7.49060	-7.34490
	GRADIENT	.00184	.00031	.00169	.00079	-.00142	-.00006	.00013	-.00050	.50001	-.49999

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A148) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 495/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.063	.34719	.09099	.31286	-.00437	.17589	.00038	.00055	.00055	.00273	-7.44670	7.61670
3.500	-9.875	.35212	.09070	.31770	-.00722	.17687	.00025	.00053	.00053	.00150	-4.85840	5.01620
3.500	-4.787	.35594	.09080	.32136	-.01033	.17794	.00002	.00062	.00062	.00034	-2.31030	2.47630
3.500	.046	.36208	.09136	.32716	-.01505	.18004	-.00034	.00094	.00094	-.00152	.11016	.06411
3.500	4.926	.36866	.09276	.33317	-.02031	.18305	-.00065	.00161	.00161	-.00341	2.53600	-2.39030
3.500	9.291	.37625	.09549	.33983	-.02665	.18761	-.00152	.00262	.00262	-.00567	4.71440	-4.57680
3.500	14.867	.38708	.10082	.34897	-.03600	.19549	-.00243	.00452	.00452	-.00886	7.51840	-7.34840
	GRADIENT	.00131	.00020	.00122	-.00103	.00053	-.00007	.00010	.00010	-.00039	.49896	-.50105

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A149) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 494/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.078	.41309	.08878	.37027	-.00619	.20353	.00063	.00044	.00044	.00301	-7.45420	7.62420
3.500	-9.919	.41757	.08834	.37469	-.00954	.20439	.00030	.00043	.00043	.00171	-4.87870	5.04060
3.500	-4.690	.42231	.08858	.37916	-.01261	.20598	.00019	.00058	.00058	.00043	-2.26390	2.42580
3.500	.211	.42959	.08930	.38593	-.01824	.20875	-.00004	.00096	.00096	-.00162	.18850	-.02255
3.500	4.873	.43629	.09103	.39187	-.02375	.21232	-.00054	.00166	.00166	-.00370	2.51740	-2.35550
3.500	9.199	.44410	.09390	.39853	-.03065	.21730	-.00139	.00275	.00275	-.00615	4.67460	-4.52490
3.500	14.876	.45653	.09389	.40873	-.04091	.22658	-.00234	.00488	.00488	-.00967	7.52500	-7.35080
	GRADIENT	.00146	.00025	.00133	-.00116	.00066	-.00008	.00011	.00011	-.00043	.50000	-.49999

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A150) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 493/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.075	.48042	.08668	.42750	.23571	-.00337	.00066	.00023	.00023	.00328	-7.45230	7.62230
3.500	-9.794	.48506	.08628	.43203	.23681	-.01178	.00065	.00028	.00028	.00196	-4.81620	4.97810
3.500	-4.794	.49029	.08533	.43697	.23853	-.01564	.00014	.00043	.00043	.00051	-2.31620	2.47810
3.500	.167	.49840	.08737	.44432	.24210	-.02150	-.00018	.00086	.00086	-.00174	.16671	-.00076
3.500	4.974	.50590	.08928	.45084	.24628	-.02800	-.00064	.00169	.00169	-.00405	2.56370	-2.40990
3.500	9.241	.51511	.09257	.45862	.25233	-.03562	-.00146	.00290	.00290	-.00666	4.70330	-4.53740
3.500	14.871	.52850	.09920	.46910	.26288	-.04617	-.00224	.00527	.00527	-.01047	7.52490	-7.34640
	GRADIENT	.00160	.00030	.00142	.00079	-.00127	-.00008	.00013	.00013	-.00047	.49959	-.50042

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A151) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 21.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 492/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.090	.55167	.08405	.48663	.27312	-.01081	.00102	.00016	.00016	.00351	-7.45980	7.62980
3.500	-9.944	.55662	.08363	.49141	.27447	-.01453	.00059	.00013	.00013	.00210	-4.88700	5.05700
3.500	.087	.56901	.08502	.50254	.28011	-.02513	.00002	.00097	.00097	-.00192	.12421	-.03769
3.500	4.781	.57890	.08745	.51093	.28587	-.03208	-.00033	.00170	.00170	-.00435	2.47160	-2.30970
3.500	9.181	.58848	.09119	.51859	.29273	-.03980	-.00109	.00313	.00313	-.00714	4.67770	-4.50350
3.500	14.755	.60296	.09812	.52970	.30430	-.05171	-.00225	.00560	.00560	-.01126	7.46450	-7.29020
	GRADIENT	.00211	.00052	.00179	.00123	-.00148	-.00007	.00018	.00018	-.00092	.50000	-.50000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = .000
 E-LORI = 5.000 E-LTRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 481/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.083	.41274	.09036	.36957	.20479	-.00702	-.00074	.00090	-.00625	-9.54650	-9.53650
3.500	-14.944	.41498	.08986	.37186	.20495	-.00898	-.00077	.00114	-.00543	-7.47720	-7.46720
3.500	-9.939	.41897	.08957	.37576	.20583	-.01134	-.00063	.00130	-.00424	-4.97430	-4.96430
3.500	-4.941	.42331	.08933	.37997	.20685	-.01420	-.00042	.00124	-.00301	-2.47530	-2.46530
3.500	.208	.42742	.08951	.38387	.20819	-.01809	-.00005	.00093	-.00143	.09663	.11180
3.500	5.454	.43479	.09071	.39058	.21147	-.02291	.00033	.00040	.00061	2.72360	2.73050
3.500	10.850	.44321	.09279	.39805	.21587	-.02970	.00052	-.00053	.00326	5.42010	5.43010
3.500	15.790	.45185	.09600	.40540	.22143	-.03741	.00125	-.00195	.00615	7.88980	7.89980
	GRADIENT	.00080	.00076	.00076	.00026	-.00076	.00007	-.00006	.00031	.49950	.50050

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = .000
 E-LORI = 5.000 E-LTRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 482/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.105	.48233	.08847	.42860	.23826	-.00944	-.00070	.00104	-.00663	-9.55610	-9.54920
3.500	-14.941	.48446	.08761	.43090	.23813	-.01132	-.00095	.00121	-.00588	-7.47790	-7.46270
3.500	-9.891	.48901	.08727	.43531	.23928	-.01398	-.00051	.00133	-.00462	-4.94740	-4.94370
3.500	-4.949	.49288	.08714	.43901	.24039	-.01735	-.00053	.00117	-.00329	-2.47970	-2.46970
3.500	.221	.49890	.08772	.44452	.24288	-.02139	.00013	.00088	-.00154	.10717	.11406
3.500	5.422	.50586	.08867	.45082	.24602	-.02712	.00059	.00029	.00075	2.70330	2.71850
3.500	10.827	.51535	.09107	.45904	.25133	-.03442	.00074	-.00077	.00360	5.40600	5.42120
3.500	15.781	.52572	.09492	.46762	.25830	-.04289	.00131	-.00237	.00674	7.88570	7.89570
	GRADIENT	.00116	.00111	.00107	.00048	-.00078	.00013	-.00006	.00034	.50030	.49970

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
 E-LORI = 5.000 E-LTRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

ALPHA = 17.000 BETA = .000
 E-LORI = 5.000 E-LTRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 497/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.112	.42468	.08870	.38131	.20693	-.01285	-.00004	.00089	-.00153	.08902	.06478
3.500	-5.193	.42718	.08893	.38365	.20787	-.01534	-.00015	.00090	-.00151	.06877	.04453
3.500	-.044	.43022	.08933	.38645	.20910	-.01814	.00005	.00093	-.00154	.08186	.06384
3.500	4.981	.43342	.09016	.38928	.21081	-.02200	-.00017	.00092	-.00159	.07485	.05060
3.500	10.313	.43695	.09161	.39226	.21319	-.02747	-.00019	.00092	-.00160	.08482	.07303
3.500	15.243	.44319	.09418	.39752	.21742	-.03407	-.00010	.00095	-.00158	.08887	.07708
	GRADIENT	.00064	.00017	.00056	.00034	-.00077	-.00004	-.00000	-.00001	-.00140	-.00263

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 498/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.096	.49283	.08643	.43923	.23964	-.01565	-.00017	.00084	-.00164	.09303	.08124
3.500	-4.895	.49459	.08666	.44083	.24042	-.01811	-.00018	.00081	-.00167	.09090	.07910
3.500	.058	.49818	.08729	.44404	.24214	-.02171	-.00019	.00084	-.00168	.08992	.08435
3.500	4.888	.50258	.08828	.44789	.24448	-.02573	.00001	.00085	-.00165	.07018	.05527
3.500	10.192	.50786	.08998	.45237	.24774	-.03185	-.00022	.00084	-.00168	.07517	.06648
3.500	15.266	.51391	.09288	.45720	.25238	-.03822	-.00003	.00089	-.00171	.08934	.08066
	GRADIENT	.00082	.00017	.00072	.00041	-.00078	.00002	.00000	.00000	-.00211	-.00242

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 499/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.137	.56381	.08416	.49783	.27773	-.01841	.00003	.00081	-.00181	.08591	.06789
3.500	-4.905	.56636	.08441	.50014	.27884	-.02096	.00013	.00084	-.00185	.09459	.07968
3.500	.070	.57012	.08506	.50344	.28075	-.02493	.00022	.00087	-.00179	.09984	.07870
3.500	5.268	.57458	.08598	.50730	.28316	-.03022	-.00011	.00083	-.00189	.09090	.07910
3.500	10.330	.58019	.08803	.51185	.28701	-.03677	.00008	.00083	-.00184	.09090	.07910
3.500	15.248	.58701	.09128	.51712	.29241	-.04451	.00016	.00087	-.00184	.09303	.08124
	GRADIENT	.00076	.00013	.00066	.00038	-.00080	.00002	.00001	.00001	.00105	-.00020

PARAMETRIC DATA

ALPHA = 21.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 503/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.068	.35849	.09087	.32383	.17862	-.01094	-.02493	-.00004	-.00440	.10935	.08199
3.500	-4.873	.35996	.09090	.32525	.17902	-.01294	-.02545	-.00010	-.00444	.10197	.08084
3.500	.062	.36314	.09133	.32823	.18023	-.01576	-.02524	-.00009	-.00449	.09615	.07812
3.500	5.280	.36615	.09207	.33096	.18169	-.01905	-.02505	-.00005	-.00445	.10353	.07928
3.500	10.330	.36946	.09340	.33383	.18380	-.02374	-.02516	-.00004	-.00450	.09672	.08182
3.500	15.252	.37462	.09565	.33827	.18725	-.02971	-.02528	-.00003	-.00451	.09672	.08182
	GRADIENT	.00064	.00009	.00060	.00025	-.00057	.00004	.00000	-.00001	-.00118	-.00055

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 502/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.072	.42485	.08877	.38156	.20686	-.01320	-.02346	-.00080	-.00459	.10197	.08084
3.500	-4.898	.42657	.08891	.38317	.20749	-.01556	-.02346	-.00080	-.00460	.10139	.07715
3.500	.058	.42965	.08926	.38603	.20868	-.01870	-.02380	-.00086	-.00467	.09459	.07968
3.500	4.943	.43322	.09024	.38917	.21063	-.02236	-.02350	-.00085	-.00465	.07579	.05777
3.500	10.284	.43682	.09170	.39222	.21302	-.02789	-.02371	-.00080	-.00470	.08077	.06898
3.500	15.225	.44296	.09426	.39739	.21721	-.03461	-.02373	-.00080	-.00471	.09090	.07910
	GRADIENT	.00068	.00013	.00061	.00032	-.00069	-.00000	-.00000	-.00001	-.00260	-.00196

PARAMETRIC DATA

ALPHA = 17.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 501/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.096	.49418	.08683	.44034	.24053	-.01585	-.02262	-.00150	-.00480	.10566	.08142
3.500	-4.873	.49612	.08703	.44212	.24133	-.01851	-.02252	-.00150	-.00487	.09984	.07870
3.500	.062	.49931	.08752	.44499	.24280	-.02191	-.02243	-.00151	-.00487	.09401	.07599
3.500	5.272	.50366	.08857	.44879	.24516	-.02643	-.02255	-.00150	-.00489	.09615	.07812
3.500	10.326	.50861	.09021	.45298	.24827	-.03243	-.02246	-.00149	-.00490	.09245	.07755
3.500	15.229	.51556	.09307	.45866	.25318	-.03951	-.02227	-.00143	-.00495	.09459	.07968
	GRADIENT	.00065	.00010	.00058	.00030	-.00069	.00002	-.00000	-.00000	-.00118	-.00055

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

DATE 25 JUN 80

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LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A163) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 500/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.088	.56560	.08446	.49936	.27871	-.01876	-.02108	-.00234	-.00482	.09984	.07870
3.500	-4.891	.56855	.08477	.50201	.28004	-.02149	-.02098	-.00231	-.00488	.10508	.07772
3.500	.066	.57135	.08531	.50446	.28150	-.02530	-.02090	-.00234	-.00483	.10139	.07715
3.500	5.175	.57596	.08636	.50842	.28407	-.03074	-.02111	-.00234	-.00490	.08544	.06431
3.500	10.255	.58142	.08830	.51287	.28777	-.03694	-.02093	-.00229	-.00493	.08233	.06742
3.500	15.248	.58824	.09141	.51818	.29304	-.04542	-.02115	-.00228	-.00502	.08887	.07708
	GRADIENT	.00056	.00011	.00049	.00029	-.00077	.00001	-.00001	.00001	-.00074	-.00012

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 487/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.098	.38198	.09110	.34325	.19075	-.00740	-.02494	-.00045	-.00879	-9.55400	-9.54400
3.500	-14.926	.38499	.09070	.34626	.19118	-.00867	-.02486	-.00025	-.00800	-7.46470	-7.46100
3.500	-9.947	.38828	.09029	.34953	.19168	-.01093	-.02471	-.00013	-.00696	-4.97520	-4.97140
3.500	-4.949	.39100	.09006	.35222	.19218	-.01372	-.02471	-.00023	-.00586	-2.48230	-2.46710
3.500	.213	.39569	.09048	.35758	.19413	-.01707	-.02433	-.00046	-.00439	.10290	.10979
3.500	5.390	.40154	.09138	.36201	.19630	-.02172	-.02412	-.00095	-.00255	2.69140	2.69830
3.500	10.827	.41008	.09338	.36969	.20053	-.02803	-.02370	-.00185	-.00011	5.40600	5.42120
3.500	15.781	.41908	.09563	.37748	.20609	-.03513	-.02316	-.00319	-.00260	7.88310	7.89830
	GRADIENT	.00110	.00008	.00104	.00038	-.00065	.00007	-.00005	.00028	.50080	.49920

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A164) (24 JUN 80)

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

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(17A165) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 486/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	ELEVON	AILRON
3.500	-19.090	.41612	.09037	.37274	.20589	-.00832	-.02408	-.00079	-.00695	-9.54710
3.500	-14.918	.41885	.08977	.37552	.20611	-.00979	-.02400	-.00056	-.00623	-7.46260
3.500	-9.951	.42150	.08924	.37820	.20636	-.01217	-.02407	-.00049	-.00720	-4.97870
3.500	-4.954	.42517	.08911	.38176	.20729	-.01513	-.02375	-.00056	-.00604	-2.47340
3.500	.204	.43013	.08945	.38642	.20304	-.01860	-.02350	-.00085	-.00448	.09863
3.500	5.390	.43688	.09064	.39254	.21211	-.02342	-.02288	-.00133	-.00255	2.69140
3.500	10.827	.44500	.09282	.39969	.21653	-.02983	-.02279	-.00228	-.00003	5.41170
3.500	15.786	.45409	.09607	.40747	.22224	-.03734	-.02217	-.00367	-.00286	7.88780
GRADIENT		.00096	.00007	.00090	.00034	-.00067	.00005	-.00006	.00030	.49999

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A166) (24 JUN 80)

RUN NO. 485/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	ELEVON	AILRON
3.500	-19.087	.48304	.08846	.42938	.23830	-.01078	-.02310	-.00133	-.00952	-9.54530
3.500	-14.937	.48699	.08795	.43328	.23910	-.01233	-.02292	-.00111	-.00873	-7.47190
3.500	-9.947	.48992	.08741	.43622	.23952	-.01471	-.02278	-.00106	-.00764	-4.97520
3.500	-4.862	.49416	.08730	.44028	.24077	-.01788	-.02280	-.00120	-.00640	-2.47340
3.500	.170	.49966	.08772	.44534	.24296	-.02173	-.02202	-.00147	-.00478	.08533
3.500	.383	.49928	.08778	.44497	.24287	-.02193	-.02245	-.00153	-.00467	.18674
3.500	5.454	.50728	.08896	.45217	.24655	-.02707	-.02177	-.00208	-.00252	2.72890
3.500	10.934	.51559	.09142	.45926	.25154	-.03447	-.02172	-.00313	-.00029	5.49300
3.500	15.777	.52508	.09493	.46713	.25788	-.04265	-.02123	-.00468	-.00328	7.88360
GRADIENT		.00103	.00009	.00095	.00042	-.00077	.00011	-.00006	.00033	.49988

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A167) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 487 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.098	.5596	.08643	.48962	.27720	-.01358	-.02222	-.00200	-.00999	-9.55400	-9.54400
3.500	-14.937	.55872	.08583	.49240	.27763	-.01535	-.02195	-.00186	-.00914	-7.47340	-7.46340
3.500	-9.832	.56147	.08522	.49519	.27804	-.01795	-.02173	-.00181	-.00790	-4.91930	-4.91240
3.500	-4.941	.56699	.08512	.50037	.27890	-.02103	-.02124	-.00196	-.00653	-2.47060	-2.47000
3.500	.255	.57282	.08538	.50574	.28222	-.02530	-.02091	-.00235	-.00474	.12425	.13114
3.500	5.442	.58087	.08682	.51275	.28642	-.03139	-.02056	-.00302	-.00243	2.71600	2.72600
3.500	11.087	.59024	.08963	.52052	.29236	-.03960	-.02037	-.00419	-.00066	5.53830	5.54830
3.500	15.533	.60089	.09371	.52903	.29995	-.04753	-.01947	-.00576	.00384	7.76300	7.76990
	GRADIENT	.00112	.00005	.00103	.00045	-.00082	.00006	-.00008	.00034	.49939	.50061

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A168) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 488 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.071	.34904	.09117	.31451	.17670	-.00412	-.02444	-.00047	.00002	-7.44620	7.62470
3.500	-9.934	.35304	.09062	.31852	.17717	-.00757	-.02478	-.00055	-.00128	-4.88410	5.05000
3.500	-4.794	.35794	.09061	.32326	.17841	-.01067	-.02478	-.00044	-.00260	-2.31620	2.47810
3.500	.055	.36430	.09140	.32921	.18079	-.01555	-.02504	-.00007	-.00442	.11067	.05528
3.500	4.701	.37061	.09291	.33494	.18385	-.02120	-.02567	.00058	-.00647	2.43170	-2.26980
3.500	9.163	.37859	.09563	.34196	.18852	-.02754	-.02621	.00163	-.00871	4.66240	-4.50050
3.500	14.867	.39091	.10138	.35243	.19719	-.03728	-.02730	.00364	-.01210	7.51440	-7.35250
	GRADIENT	.00133	.00024	.00123	.00057	-.00111	-.00009	.00011	-.00041	.50000	-.50000

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 489/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILLRON
3.500	-15.067	.41459	.08908	.37159	.20431	-.00606	-.02261	-.00129	.00025	-7.45270	7.61460
3.500	-9.944	.41891	.08869	.37584	.20518	-.00948	-.02282	-.00131	-.00118	-4.89310	5.05090
3.500	-4.821	.42343	.08860	.38019	.20640	-.01306	-.02325	-.00121	-.00256	-2.33380	2.48760
3.500	.037	.43093	.08957	.38710	.20947	-.01839	-.02349	-.00080	-.00458	.09728	.06058
3.500	4.696	.43872	.09137	.39404	.21344	-.02445	-.02398	-.00009	-.00685	2.42870	-2.26680
3.500	9.163	.44646	.09435	.40060	.21851	-.03161	-.02470	-.00105	-.00927	4.65830	-4.50450
3.500	14.853	.45962	.10071	.41139	.22837	-.04215	-.02565	-.00326	-.01292	7.50760	-7.34570
	GRADIENT	.00161	.00029	.00146	.00074	-.00120	-.00008	.00012	-.00045	.50042	-.49957

ALPHA = 17.000 BETA = 2.000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILLRON = .000
BOFLAP = .000 SPDBRK = 55.000
RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 490/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILLRON
3.500	-15.082	.48212	.08695	.42895	.23665	-.00803	-.02139	-.00205	.00039	-7.46010	7.62200
3.500	-9.929	.48685	.08650	.43357	.23773	-.01163	-.02191	-.00206	-.00108	-4.88570	5.04350
3.500	-4.821	.49138	.08651	.43787	.23918	-.01568	-.02223	-.00195	-.00261	-2.33380	2.48760
3.500	.046	.49884	.08756	.44461	.24255	-.02192	-.02243	-.00146	-.00486	.09992	.05368
3.500	4.693	.50698	.08956	.45165	.24715	-.02840	-.02299	-.00067	-.00727	2.42320	-2.26940
3.500	9.158	.51666	.09304	.45975	.25343	-.03583	-.02350	-.00057	-.00986	4.65400	-4.50430
3.500	14.853	.53094	.09990	.47108	.26449	-.04748	-.02469	-.00297	-.01382	7.50360	-7.34980
	GRADIENT	.00164	.00033	.00145	.00084	-.00134	-.00008	.00013	-.00049	.50000	-.50000

ALPHA = 19.000 BETA = 2.000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILLRON = .000
BOFLAP = .000 SPDBRK = 55.000
RUDDER = .000

PARAMETRIC DATA

LAI31.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(17A171) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 491/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.078	.55114	.08428	.48607	.27313	-.01045	-.02022	-.00304	.00071	-7.46630	7.61200
3.500	-9.939	.55721	.08394	.49186	.27496	-.01422	-.02043	-.00298	-.00083	-4.89060	5.04850
3.500	-4.814	.56237	.08402	.49667	.27684	-.01871	-.02092	-.00284	-.00243	-2.32790	2.48580
3.500	.040	.57158	.08449	.50476	.28148	-.02528	-.02089	-.00229	-.00488	.10086	.06104
3.500	4.713	.58055	.08774	.51234	.28678	-.03260	-.02122	-.00141	-.00746	2.44590	-2.26740
3.500	9.172	.58951	.09144	.51944	.29336	-.04079	-.02241	-.00006	-.01033	4.67100	-4.50100
3.500	14.867	.60409	.09866	.53056	.30524	-.05300	-.02356	.00253	-.01454	7.51840	-7.34840
3.500	GRADIENT	.00191	.00039	.00164	.00104	-.00146	-.00003	.00015	-.00053	.50108	-.49892

LAI31.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(17A172) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 519/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.056	.33703	.07813	.30346	.16616	-.00669	.00107	.00026	.00247	-7.44500	7.61100
4.500	-9.929	.34016	.07796	.30552	.16584	-.00901	.00085	.00024	.00150	-4.88160	5.04760
4.500	-4.748	.34338	.07800	.30960	.16774	-.01157	.00078	.00036	.00055	-2.31410	2.48410
4.500	.046	.34900	.07864	.31484	.16988	-.01603	.00037	.00065	-.00115	.10802	.06198
4.500	4.707	.35486	.07981	.32017	.17257	-.02129	-.00014	.00120	-.00301	2.43460	-2.27270
4.500	9.181	.36286	.08243	.32717	.17726	-.02750	-.00085	.00218	-.00523	4.67160	-4.50970
4.500	14.880	.37569	.08793	.33805	.18601	-.03723	-.00177	.00412	-.00863	7.52510	-7.35910
4.500	GRADIENT	.00121	.00019	.00111	.00051	-.00102	-.00010	.00009	-.00038	.49957	-.50042

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 518/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.067	.46860	.07506	.41600	.22839	-.00828	.00127	-.00010	.00310	-7.45270	7.61460
4.500	-9.934	.47263	.07480	.41988	.22949	-.01110	.00135	-.00005	.00203	-4.88610	5.04800
4.500	-4.806	.47662	.07502	.42358	.23104	-.01425	.00103	.00009	.00076	-2.32400	2.48190
4.500	.046	.48389	.07593	.43012	.23433	-.01978	.00066	.00047	-.00134	.10195	.05590
4.500	4.707	.49284	.07790	.43789	.23920	-.02619	.00035	.00125	-.00354	2.43670	-2.27070
4.500	9.181	.50334	.08085	.44397	.24448	-.03408	-.00071	.00248	-.00632	4.67160	-4.50970
4.500	12.089	.50848	.08405	.45056	.25023	-.04012	-.00139	.00364	-.00843	6.11120	-5.97770
4.500	14.862	.51566	.08752	.45615	.25591	-.04592	-.00195	.00479	-.01035	7.51210	-7.35020
4.500	GRADIENT	.00170	.00030	.00150	.00086	-.00125	-.00007	.00012	-.00045	.50042	-.49958

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(17A174) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 517/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.067	.46860	.07506	.41600	.22839	-.00828	.00127	-.00010	.00310	-7.45270	7.61460
4.500	-9.934	.47263	.07480	.41988	.22949	-.01110	.00135	-.00005	.00203	-4.88610	5.04800
4.500	-4.806	.47662	.07502	.42358	.23104	-.01425	.00103	.00009	.00076	-2.32400	2.48190
4.500	.046	.48389	.07593	.43012	.23433	-.01978	.00066	.00047	-.00134	.10195	.05590
4.500	4.707	.49284	.07790	.43789	.23920	-.02619	.00035	.00125	-.00354	2.43670	-2.27070
4.500	9.181	.50334	.08085	.44397	.24448	-.03408	-.00071	.00248	-.00632	4.67160	-4.50970
4.500	12.089	.50848	.08405	.45056	.25023	-.04012	-.00139	.00364	-.00843	6.11120	-5.97770
4.500	14.862	.51566	.08752	.45615	.25591	-.04592	-.00195	.00479	-.01035	7.51210	-7.35020
4.500	GRADIENT	.00170	.00030	.00150	.00086	-.00125	-.00007	.00012	-.00045	.50042	-.49958

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A175) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 516/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.060	.53956	.07357	.47437	.26742	-.00958	.00187	-.00019	.00352	-7.44690	7.61290
4.500	-9.934	.54313	.07333	.47778	.26850	-.01276	.00141	-.00009	.00228	-4.88410	5.05000
4.500	-4.802	.54891	.07362	.48305	.27090	-.01652	.00138	.00007	.00086	-2.32010	2.48200
4.500	.055	.55632	.07468	.48956	.27459	-.02278	.00088	.00044	-.00139	.10864	.05366
4.500	4.704	.56514	.07676	.49700	.27976	-.02965	.00033	.00133	-.00396	2.42910	-2.27530
4.500	9.177	.57417	.08018	.50413	.28627	-.03826	-.00069	.00269	-.00690	4.66520	-4.51140
4.500	14.876	.58965	.08748	.51584	.29874	-.05075	-.00187	.00525	-.01123	7.52090	-7.35490
	GRADIENT	.00171	.00033	.00147	.00093	-.00138	-.00011	.00013	-.00051	.49958	-.50043

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 504/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.098	.34264	.07888	.30865	.16840	-.00811	-.00005	.00076	-.00465	-9.53840	-9.55950
4.500	-14.933	.34419	.07848	.31024	.16845	-.00929	.00007	.00091	-.00399	-7.46220	-7.47090
4.500	-9.939	.34625	.07799	.31236	.16853	-.01128	-.00027	.00092	-.00325	-4.96970	-4.96900
4.500	-4.945	.34880	.07784	.31485	.16908	-.01339	-.00007	.00086	-.00232	-2.46970	-2.47530
4.500	.221	.35376	.07819	.31953	.17076	-.01614	.00051	.00069	-.00100	.11340	.10783
4.500	5.402	.35875	.07885	.32416	.17274	-.02048	.00046	.00025	.00068	2.69740	2.70430
4.500	10.835	.36624	.08063	.33089	.17648	-.02638	.00101	-.00053	.00303	5.41550	5.41930
4.500	15.790	.37464	.08367	.33816	.18167	-.03345	.00161	-.00181	.00570	7.89300	7.89670
	GRADIENT	.00096	.00007	.00091	.00033	-.00053	.00011	-.00003	.00026	.50000	-.50000

LAI131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A176) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 505/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.102	.40614	.07740	.36356	.19687	-.00907	-.00036	.00073	-.00504	-9.55270	-9.54890
4.500	-14.922	.40775	.07703	.36521	.19701	-.01037	-.00010	.00089	-.00439	-7.46290	-7.45910
4.500	-9.943	.41113	.07658	.36857	.19762	-.01234	-.00002	.00093	-.00355	-4.97320	-4.96940
4.500	-4.936	.41427	.07644	.37160	.19843	-.01446	.00045	.00087	-.00249	-2.46850	-2.46780
4.500	.217	.41821	.07658	.37531	.19976	-.01789	.00044	.00058	-.00111	.10504	.11193
4.500	5.398	.42524	.07769	.38167	.20295	-.02233	.00107	.00018	.00086	2.69540	2.70230
4.500	10.831	.43361	.07989	.38998	.20759	-.02900	.00117	-.00073	.00339	5.41210	5.41900
4.500	15.786	.44263	.08326	.39655	.21354	-.03700	.00158	-.00217	.00637	7.88260	7.90290
GRADIENT		.00076	.00003	.00072	.00026	-.00067	-.00000	-.00006	.00027	.49940	.50060

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

LAI131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

RUN NO. 506/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.098	.47394	.07528	.42072	.23115	-.01002	.00005	.00076	-.00548	-9.55240	-9.54550
4.500	-14.933	.47644	.07588	.42320	.23164	-.01132	.00016	.00090	-.00484	-7.47000	-7.46310
4.500	-9.943	.47856	.07546	.42535	.23195	-.01357	-.00005	.00093	-.00389	-4.97480	-4.96790
4.500	-4.945	.48298	.07535	.42954	.23334	-.01620	.00026	.00081	-.00273	-2.47440	-2.47060
4.500	.213	.48709	.07569	.43329	.23504	-.01989	.00066	.00054	-.00118	.10290	.10979
4.500	5.398	.49405	.07656	.43955	.23820	-.02527	.00084	-.00001	.00093	2.69130	2.70640
4.500	10.827	.50401	.07901	.44811	.24387	-.03246	.00147	-.00094	.00378	5.40600	5.42120
4.500	15.790	.51392	.08280	.45616	.25077	-.04110	.00210	-.00253	.00705	7.88470	7.90500
GRADIENT		.00080	.00006	.00073	.00033	-.00072	.00008	-.00005	.00030	.49970	.50030

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A179) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 507/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.102	.54452	.07482	.47854	.27037	-.01195	-.00034	.00097	-.00611	-9.55580	-9.54580
4.500	-14.929	.54768	.07454	.48157	.27129	-.01314	.00003	.00104	-.00536	-7.46810	-7.46130
4.500	-9.947	.55016	.07398	.48409	.27169	-.01577	-.00019	.00107	-.00432	-4.98090	-4.96570
4.500	-4.941	.55458	.07377	.48826	.27313	-.01869	.00038	.00084	-.00306	-2.47530	-2.46530
4.500	.217	.55911	.07415	.49233	.27516	-.02289	.00076	.00057	-.00135	.10504	.11193
4.500	5.394	.56763	.07549	.49976	.27954	-.02852	.00133	-.00001	.00100	2.69490	2.69870
4.500	10.827	.57758	.07817	.50801	.28571	-.03651	.00162	-.00111	.00419	5.41020	5.41710
4.500	15.790	.58899	.08248	.51703	.29392	-.04606	.00236	-.00284	.00771	7.88980	7.89980
4.500	GRADIENT	.00088	.00008	.00079	.00039	-.00081	.00007	-.00005	.00033	.50030	.49970

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A180) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 520/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.108	.34564	.07833	.31169	.16869	-.01212	.00010	.00067	-.00106	.08685	.07505
4.500	-4.898	.34681	.07843	.31279	.16910	-.01376	.00024	.00067	-.00107	.09944	.08764
4.500	.062	.34853	.07864	.31440	.16975	-.01616	-.00005	.00063	-.00115	.09788	.08920
4.500	5.289	.35240	.07923	.31796	.17136	-.01902	.00036	.00065	-.00109	.09886	.08395
4.500	10.293	.35489	.08030	.32008	.17305	-.02354	.00006	.00063	-.00115	.08482	.07303
4.500	15.248	.36006	.08215	.32457	.17620	-.02914	.00005	.00063	-.00117	.08685	.07505
4.500	GRADIENT	.00035	.00004	.00032	.00013	-.00048	-.00006	-.00001	-.00002	-.00031	.00031

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 521/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.076	.40892	.07663	.36648	.19692	-.01339	.00018	.00060	-.00114	.09205	.08649
4.500	-4.895	.41165	.07704	.36897	.19813	-.01513	.00031	.00060	-.00115	.10157	.08978
4.500	5.276	.41422	.07730	.37134	.19915	-.01777	.00044	.00058	-.00115	.08731	.07863
4.500	10.318	.42095	.07809	.37486	.20108	-.02139	.00057	.00062	-.00114	.09944	.08764
4.500	15.248	.42643	.07920	.37719	.20297	-.02655	.00013	.00056	-.00120	.08576	.08019
4.500	GRADIENT	.42643	.08139	.38177	.20669	-.03275	.00040	.00060	-.00123	.08529	.07661
		.00053	.00005	.00048	.00021	-.00054	.00003	-.00000	-.00000	-.00291	-.00228

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A182) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 522/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.076	.47822	.07558	.42497	.23196	-.01475	.00054	.00053	-.00126	.09984	.07870
4.500	-4.902	.48034	.07576	.42691	.23284	-.01689	.00053	.00053	-.00120	.10099	.08609
4.500	.062	.48248	.07613	.42882	.23388	-.02030	.00038	.00049	-.00129	.09730	.08551
4.500	5.289	.48581	.07698	.43167	.23579	-.02456	.00036	.00049	-.00132	.09730	.08551
4.500	10.313	.49149	.07856	.43651	.23916	-.02991	.00035	.00051	-.00133	.08529	.07661
4.500	15.243	.49879	.08107	.44255	.24395	-.03698	.00061	.00054	-.00127	.08685	.07505
4.500	GRADIENT	.49879	.08107	.44255	.24395	-.03698	.00061	.00054	-.00127	.08685	.07505
		.00043	.00007	.00038	.00021	-.00069	-.00003	-.00001	-.00002	-.00074	-.00012

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A183) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 523/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.096	.55055	.07407	.48446	-.01688	.00090	.00053	-.00129	.10566	.08142
4.500	-4.887	.55163	.07425	.48541	-.01952	.00063	.00055	-.00138	.10313	.08822
4.500	.070	.55545	.07484	.48876	-.02303	.00075	.00055	-.00135	.10682	.08880
4.500	5.285	.55941	.07562	.49216	-.02782	.00059	.00049	-.00141	.09574	.08706
4.500	10.318	.56446	.07743	.49620	-.03418	.00057	.00049	-.00145	.09361	.08493
4.500	15.257	.57120	.08040	.50139	-.04212	.00069	.00055	-.00143	.08529	.07661
	GRADIENT	.00077	.00012	.00068	-.00071	.00003	.00000	.00001	.00074	.00012

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A184) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 527/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.100	.34579	.07838	.31182	-.01270	-.02123	-.00040	-.00414	.10255	.08453
4.500	-4.982	.34760	.07851	.31353	-.01434	-.02124	-.00040	-.00413	.09401	.07599
4.500	.066	.34975	.07889	.31550	-.01673	-.02125	-.00042	-.00415	.09730	.08551
4.500	5.280	.35177	.07923	.31736	-.02014	-.02140	-.00044	-.00420	.08778	.08222
4.500	10.334	.35558	.08046	.32071	-.02437	-.02141	-.00044	-.00424	.09147	.08279
4.500	15.257	.36073	.08248	.32513	-.02983	-.02114	-.00040	-.00422	.08373	.07817
	GRADIENT	.00043	.00007	.00039	-.00047	-.00000	-.00000	-.00000	.00065	.00189

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A.85) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 526/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.104	.41046	.07686	.36786	.19766	-.01374	-.02050	-.00090	-.00439	.09730	.08551
4.500	-4.884	.41225	.07689	.36956	.19821	-.01590	-.02052	-.00092	-.00439	.10001	.09133
4.500	.070	.41483	.07734	.37188	.19942	-.01840	-.02053	-.00092	-.00440	.09574	.08706
4.500	5.297	.41864	.07820	.37526	.20139	-.02201	-.02053	-.00090	-.00443	.09944	.08764
4.500	10.330	.42157	.07944	.37768	.20343	-.02716	-.02059	-.00088	-.00446	.09147	.08279
4.500	15.252	.42843	.08179	.38353	.20773	-.03373	-.02056	-.00088	-.00453	.08897	.07708
	GRADIENT	.00052	.00009	.00047	.00024	-.00051	-.00000	-.00000	-.00000	-.00086	-.00086

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A186) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 525/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.088	.47846	.07566	.42514	.23218	-.01524	-.01866	-.00164	-.00438	.10157	.08978
4.500	-4.855	.48158	.07595	.42798	.23349	-.01724	-.01873	-.00166	-.00438	.10526	.09036
4.500	.066	.48413	.07630	.43028	.23466	-.02053	-.01868	-.00170	-.00442	.10157	.08978
4.500	5.285	.48845	.07724	.43403	.23700	-.02451	-.01874	-.00164	-.00442	.10157	.08978
4.500	10.330	.49210	.07862	.43703	.23949	-.03040	-.01918	-.00168	-.00452	.09885	.08395
4.500	15.262	.49996	.08142	.44349	.24475	-.03770	-.01878	-.00162	-.00451	.09043	.07552
	GRADIENT	.00052	.00007	.00047	.00024	-.00067	-.00003	-.00001	-.00001	-.00075	-.00012

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A187) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 524/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	ELEVON	AILRON
4.500	-10.080	.55007	.07437	.48390	.27193	-.01747	-.01788	-.00231	.09944	.08764
4.500	-4.956	.55234	.07467	.48591	.27303	-.01999	-.01789	-.00231	.08685	.07505
4.500	.982	.55577	.07508	.48896	.27466	-.02363	-.01777	-.00231	.09730	.08551
4.500	5.293	.55989	.07618	.49239	.27719	-.02825	-.01764	-.00229	.09944	.08764
4.500	10.330	.56552	.07792	.49700	.28086	-.03448	-.01737	-.00223	.09090	.07910
4.500	15.206	.57284	.08108	.50266	.28645	-.04267	-.01768	-.00221	.09043	.07552
	GRADIENT	.00068	.00008	.00061	.00032	-.00072	.00003	.00000	.00000	.00207

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A188) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 511/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	ELEVON	AILRON
4.500	-19.098	.34100	.07916	.30697	.16828	.00885	-.02155	-.00042	-.00753	-9.55080
4.500	-14.929	.34353	.07890	.30948	.16870	-.00976	-.02157	-.00029	-.00696	-7.46660
4.500	-9.947	.34554	.07838	.31155	.16875	-.01148	-.02134	-.00021	-.00514	-4.97140
4.500	-4.928	.34759	.07834	.31354	.16926	-.01346	-.02127	-.00025	-.00526	-2.46720
4.500	.217	.35205	.07951	.31778	.17064	-.01648	-.02111	-.00048	-.00407	.10348
4.500	5.394	.35708	.07938	.32239	.17284	-.02028	-.02087	-.00086	-.00246	2.69180
4.500	10.831	.36408	.08118	.32865	.17646	-.02606	-.02045	-.00164	-.00012	5.43090
4.500	15.786	.37295	.08411	.33639	.18167	-.03313	-.01999	-.00288	-.00259	7.89780
	GRADIENT	.00087	.00003	.00082	.00027	-.00059	.00003	.00004	.00023	.49970

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 510/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.105	.40510	.07765	.36253	.19674	-.00972	-.02091	-.00075	-.00806	-9.55610	-9.54920
4.500	-14.929	.40755	.07735	.36495	.19721	-.01064	-.02065	-.00062	-.00745	-7.46660	-7.46280
4.500	-9.943	.41010	.07704	.36748	.19768	-.01248	-.02044	-.00059	-.00660	-4.97480	-4.96790
4.500	-4.949	.41274	.07671	.37009	.19816	-.01487	-.02053	-.00069	-.00562	-2.47660	-2.47280
4.500	.213	.41711	.07704	.37416	.19981	-.01789	-.02010	-.00090	-.00429	.10135	.11135
4.500	5.402	.42312	.07816	.37954	.20270	-.02247	-.01947	-.00136	-.00243	2.69330	2.70840
4.500	10.823	.43063	.08011	.38611	.20683	-.02903	-.01951	-.00229	-.00010	5.39890	5.42450
4.500	15.790	.44007	.08358	.39406	.21300	-.03676	-.01895	-.00365	-.00305	7.88980	7.89980
GRADIENT		.00085	.00006	.00079	.00032	-.00058	.00008	-.00004	.00026	.49940	.50060

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 509/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.098	.47391	.07659	.42058	.23145	-.01052	-.01949	-.00137	-.00846	-9.55080	-9.54710
4.500	-14.933	.47543	.07612	.42217	.23151	-.01197	-.01966	-.00129	-.00787	-7.47160	-7.46160
4.500	-9.947	.47795	.07569	.42469	.23195	-.01395	-.01931	-.00123	-.00692	-4.97670	-4.96980
4.500	-4.945	.48144	.07570	.42797	.23314	-.01645	-.01871	-.00135	-.00578	-2.47750	-2.46750
4.500	.217	.48635	.07602	.43249	.23509	-.02000	-.01873	-.00166	-.00432	.10090	.11607
4.500	5.390	.49295	.07702	.43837	.23825	-.02526	-.01841	-.00221	-.00225	2.68720	2.70240
4.500	10.823	.50185	.07927	.44599	.24337	-.03246	-.01807	-.00318	-.00061	5.40150	5.42190
4.500	15.790	.51321	.08325	.45535	.25095	-.04083	-.01714	-.00473	-.00385	7.88730	7.90240
GRADIENT		.00095	.00006	.00088	.00038	-.00069	-.00000	-.00006	.00028	.49950	.50050

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A191) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 508/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.102	.54485	.07529	.47865	.27097	-.01268	-.01860	-.00189	-.00893	-9.55430	-9.54740
4.500	-14.929	.54786	.07509	.48152	.27190	-.01398	-.01835	-.00176	-.00822	-7.46810	-7.46130
4.500	-9.939	.55144	.07456	.48503	.27274	-.01611	-.01816	-.00179	-.00723	-4.97280	-4.96590
4.500	-4.941	.55435	.07445	.48778	.27371	-.01900	-.01784	-.00189	-.00604	-2.47380	-2.46690
4.500	.208	.55944	.07467	.49243	.27579	-.02323	-.01748	-.00227	-.00437	.09663	.11180
4.500	5.398	.56794	.07608	.49980	.28026	-.02873	-.01705	-.00286	-.00201	2.69380	2.70380
4.500	10.835	.57743	.07878	.50762	.28628	-.03646	-.01647	-.00394	-.00111	5.41240	5.42240
4.500	15.790	.58824	.08290	.51615	.29410	-.04589	-.01601	-.00568	-.00455	7.88980	7.89980
4.500	GRADIENT	.00099	.00004	.00090	.00040	-.00082	.00007	-.00007	.00033	.49921	.50081

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A192) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 512/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.078	.33826	.07803	.30464	.16645	-.00665	-.02027	-.00085	-.00038	-7.44990	7.62850
4.500	-9.944	.34191	.07768	.30824	.16711	-.00898	-.02049	-.00090	-.00141	-4.89310	5.05090
4.500	-4.798	.34511	.07781	.31129	.16810	-.01179	-.02070	-.00080	-.00244	-2.31810	2.48000
4.500	.065	.35161	.07862	.31732	.17064	-.01621	-.02082	-.00042	-.00414	.11736	.05264
4.500	4.698	.35742	.07987	.32258	.17340	-.02159	-.02160	-.00013	-.00606	2.43020	-2.26830
4.500	9.177	.36592	.08239	.33008	.17813	-.02806	-.02218	.01111	-.00830	4.66720	-4.50940
4.500	14.876	.37869	.08815	.34083	.18712	-.03814	-.02295	.00311	-.01173	7.82290	-7.35290
4.500	GRADIENT	.00130	.00022	.00119	.00056	-.00103	-.00009	.00010	-.00038	.50000	-.49999

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A193) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 513/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.063	.40161	.07655	.35953	.19466	-.00736	-.01944	-.00139	-.00021	-7.45080	7.61270
4.500	-9.929	.40574	.07621	.36356	.19558	-.00994	-.01952	-.00140	-.00127	-4.88360	5.04550
4.500	-4.802	.40937	.07644	.36695	.19690	-.01271	-.01971	-.00125	-.00244	-2.31600	2.48600
4.500	-3.487	.41185	.07676	.36921	.19799	-.01452	-.01994	-.00117	-.00310	-1.66640	1.82020
4.500	.055	.41568	.07733	.37270	.19967	-.01775	-.01995	-.00088	-.00435	.11067	.05528
4.500	4.704	.42288	.07876	.37913	.20321	-.02385	-.02058	-.00024	-.00645	2.43320	-2.27130
4.500	9.190	.43265	.08184	.38750	.20911	-.03074	-.02110	-.00090	-.00835	4.68020	-4.51020
4.500	14.862	.44565	.08794	.39804	.21885	-.04216	-.02239	-.00304	-.01275	7.51210	-7.35020
4.500	GRADIENT	.00138	.00024	.00125	.00065	-.00115	-.00008	.00011	-.00041	.49994	-.50007

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A194) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 514/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.063	.46788	.07528	.41539	.22809	-.00816	-.01771	-.00226	.00014	-7.45080	7.61270
4.500	-9.944	.47152	.07504	.41890	.22909	-.01098	-.01818	-.00222	-.00191	-4.89110	5.05300
4.500	-4.810	.47641	.07533	.42341	.23100	-.01437	-.01808	-.00206	-.00237	-2.32390	2.48580
4.500	.043	.48357	.07612	.42989	.23415	-.02015	-.01873	-.00166	-.00443	.10241	.05949
4.500	4.707	.49240	.07799	.43758	.23888	-.02641	-.01903	-.00088	-.00675	2.43670	-2.27070
4.500	9.186	.50259	.08134	.44605	.24546	-.03429	-.01967	-.00037	-.00946	4.67590	-4.50990
4.500	14.871	.51679	.08808	.45716	.25657	-.04623	-.02103	-.00274	-.01357	7.52070	-7.35070
4.500	GRADIENT	.00168	.00028	.00149	.00083	-.00127	-.00010	.00012	-.00047	.50021	-.49978

DATE 25 JUN 80

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LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A195) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 515/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.063	.53944	.07392	.47414	.26768	-.00981	-.01651	-.00299	.00065	-7.45080	7.61270
4.500	-9.939	.54288	.07367	.47744	.26870	-.01312	-.01711	-.00294	-.00070	-4.89060	5.04850
4.500	-4.810	.54815	.07395	.48226	.27082	-.01675	-.01714	-.00279	-.00207	-2.32390	2.48580
4.500	.037	.55704	.07519	.49003	.27535	-.02309	-.01747	-.00227	-.00448	.10133	.06462
4.500	4.693	.56540	.07707	.49711	.28017	-.03025	-.01791	-.00151	-.00698	2.42520	-2.26740
4.500	9.163	.57621	.08076	.50580	.28757	-.03881	-.01891	-.00009	-.00996	4.66040	-4.50250
4.500	14.862	.59208	.08821	.51781	.30036	-.05152	-.01994	.00254	-.01432	7.51410	-7.34820
4.500	GRADIENT	.00182	.00034	.00156	.00098	-.00142	-.00008	.00013	-.00052	.49978	-.50021

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A196) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 543/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.067	.24930	.11678	.22636	.15668	-.00178	-.00162	.00097	.00369	-7.44650	7.62070
2.500	-9.949	.25585	.11578	.23297	.15680	-.00588	-.00195	.00065	.00223	-4.88950	5.05950
2.500	-4.817	.26163	.11673	.23651	.15872	-.00991	-.00146	.00068	.00070	-2.32380	2.49380
2.500	.040	.26772	.11749	.24439	.16047	-.01525	-.00177	.00092	-.00127	.10491	.06509
2.500	4.698	.27476	.11825	.25119	.16242	-.02054	-.00220	.00144	-.00319	2.43640	-2.26210
2.500	9.158	.28167	.12054	.25763	.16583	-.02619	-.00274	.00230	-.00510	4.66630	-4.49200
2.500	14.862	.29204	.12482	.26713	.17178	-.03413	-.00275	.00381	-.00793	7.51620	-7.34620
2.500	GRADIENT	.00138	.00016	.00133	.00039	-.00112	-.00008	.00008	-.00041	.50023	-.49978

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A197) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 542/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.063	.32042	.11427	.29097	.17623	-.00467	-.00101	.00082	.00385	-7.44670	7.61670
2.500	-9.959	.32480	.11404	.29532	.17689	-.00882	-.00140	.00067	.00235	-4.89450	5.06450
2.500	-4.825	.33029	.11458	.30059	.17853	-.01294	-.00183	.00071	.00077	-2.49560	2.49560
2.500	.046	.33826	.11533	.30824	.18085	-.01879	-.00188	.00098	-.00142	.10802	.06198
2.500	4.701	.34477	.11605	.31448	.18286	-.02414	-.00215	.00156	-.00331	2.43570	-2.26570
2.500	9.163	.35240	.11861	.32144	.18690	-.03003	-.00297	.00246	-.00549	4.66440	-4.49850
2.500	14.871	.36288	.12336	.33075	.19365	-.03858	-.00325	.00416	-.00834	7.52070	-7.35070
	GRADIENT	.00152	.00015	.00146	.00045	-.00118	-.00003	.00009	-.00043	.50021	-.49978

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A198) (24 JUN 80)

RUN NO. 541/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.067	.39262	.11132	.35542	.20055	-.00801	-.00118	.00070	.00417	-7.44860	7.61860
2.500	-9.944	.39750	.11116	.36021	.20152	-.01234	-.00124	.00060	.00253	-4.88700	5.05700
2.500	-4.814	.40312	.11164	.36557	.20330	-.01659	-.00143	.00071	.00093	-2.32180	2.49180
2.500	.043	.41125	.11253	.37325	.20610	-.02276	-.00193	.00102	-.00141	.10444	.06151
2.500	4.698	.41852	.11364	.38006	.20888	-.02837	-.00217	.00166	-.00344	2.43430	-2.26430
2.500	9.154	.42670	.11594	.38746	.21304	-.03473	-.00258	.00263	-.00573	4.66190	-4.49190
2.500	14.867	.43637	.12112	.39567	.22031	-.04373	-.00353	.00448	-.00865	7.51640	-7.35040
	GRADIENT	.00162	.00021	.00152	.00059	-.00124	-.00008	.00010	-.00045	.50000	-.50000

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A199) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 540/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.078	.46432	.10881	.41809	.22942	-.01168	-.00073	.00059	.00430	-7.45420	7.62420
2.500	-9.954	.46961	.10853	.42327	.23055	-.01604	-.00141	.00049	.00267	-4.89400	5.06000
2.500	-4.825	.47618	.10874	.42953	.23254	-.02050	-.00119	.00067	.00097	-2.32970	2.49560
2.500	.046	.48504	.10956	.43783	.23574	-.02671	-.00174	.00104	-.00139	.10600	.05995
2.500	4.696	.49146	.11112	.44360	.23894	-.03306	-.00189	.00172	-.00353	2.43080	-2.26480
2.500	9.158	.49983	.11344	.45106	.24340	-.03963	-.00274	.00275	-.00598	4.6E210	-4.49620
2.500	14.849	.51147	.11860	.46090	.25148	-.04918	-.00309	.00481	-.00927	7.50740	-7.34150
2.500	GRADIENT	.00161	.00025	.00148	.00067	-.00132	-.00007	.00011	-.00047	.50001	-.49999

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A200) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 528/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.087	.24619	.12023	.22279	.15947	-.00013	-.00119	.00010	-.00742	-9.55610	-9.53060
2.500	-14.926	.25044	.11859	.22722	.15868	-.00283	-.00182	.00068	-.00622	-7.47820	-7.44750
2.500	-9.947	.25504	.11697	.23202	.15777	-.00643	-.00197	.00109	-.00445	-4.98350	-4.96310
2.500	-4.879	.26090	.11654	.23785	.15836	-.01049	-.00185	.00111	-.00291	-2.45240	-2.42690
2.500	.221	.26798	.11772	.24462	.16072	-.01508	-.00170	.00091	-.00110	.09786	.12338
2.500	5.402	.27538	.11905	.25170	.16327	-.02075	-.00146	.00047	.00092	2.68810	2.71360
2.500	10.827	.28294	.12076	.25885	.16623	-.02732	-.00084	-.00042	.00333	5.39830	5.42900
2.500	15.790	.29142	.12424	.26662	.17108	-.03423	-.00091	-.00182	.00579	7.87690	7.91280
2.500	GRADIENT	.00139	.00023	.00133	.00046	-.00090	.00003	-.00004	.00035	.49999	-.49999

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(17A201) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 529/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.079	.31589	.11706	.28604	.17796	-.00318	-.00201	.00054	-.00756	-9.54720	-9.53210
2.500	-14.922	.31866	.11564	.28903	.17713	-.00581	-.00258	.00103	-.00624	-7.46600	-7.45600
2.500	-9.943	.32523	.11426	.29573	.17713	-.00966	-.00204	.00132	-.00466	-4.97630	-4.96630
2.500	-4.879	.33180	.11474	.30205	.17894	-.01371	-.00155	.00129	-.00302	-2.44310	-2.43620
2.500	.217	.33761	.11575	.30755	.18109	-.01848	-.00135	.00102	-.00117	.10348	.11348
2.500	5.406	.34612	.11718	.31559	.18420	-.02457	-.00113	.00049	.00092	2.69270	2.71300
2.500	10.827	.35461	.11919	.32350	.18788	-.03149	-.00123	.00047	.00344	5.40600	5.42120
2.500	15.790	.36306	.12212	.33117	.19247	-.03871	-.00071	.00198	.00604	7.88980	7.899.0
	GRADIENT	.00114	.00020	.00108	.00042	-.00094	.00004	-.00005	.00036	.49969	.50029

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(17A202) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 530/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CO	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.083	.38947	.11342	.35191	.20178	-.00635	-.00236	.00087	-.00777	-9.54650	-9.53650
2.500	-14.922	.39377	.11197	.35640	.20142	-.00918	-.00201	.00131	-.00646	-7.46600	-7.45600
2.500	-9.939	.39906	.11136	.36168	.20209	-.01298	-.00212	.00143	-.00487	-4.97950	-4.96950
2.500	-4.875	.40390	.11177	.36628	.20362	-.01732	-.00197	.00135	-.00313	-2.44090	-2.43410
2.500	.221	.41269	.11311	.37451	.20700	-.02266	-.00155	.00103	-.00124	.10044	.12079
2.500	5.402	.41973	.11467	.38098	.21018	-.02883	-.00174	.00043	.00110	2.69070	2.71100
2.500	10.839	.42881	.11694	.38928	.21452	-.03626	-.00102	.00060	.00379	5.40920	5.42950
2.500	15.790	.43877	.12065	.39809	.22048	-.04433	-.00062	.00220	.00656	7.88470	7.90500
	GRADIENT	.00172	.00026	.00161	.00066	-.00105	.00008	-.00006	.00037	.49867	.50133

DATE 25 JUN 80

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A203) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 531/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.083	.46014	.10955	.41383	.22907	-.00966	-.00214	.00106	-.00789	-9.54650	-9.53650
2.500	-14.922	.46429	.10859	.41807	.22928	-.01259	-.00249	.00138	-.00661	-7.46600	-7.45600
2.500	-9.939	.47124	.10867	.42474	.23125	-.01685	-.00214	.00149	-.00502	-4.97430	-4.96430
2.500	-4.875	.47691	.10862	.43020	.23274	-.02134	-.00175	.00140	-.00334	-2.44770	-2.42730
2.500	.221	.48584	.10985	.43846	.23634	-.02680	-.00159	.00102	-.00127	.10044	.12079
2.500	5.402	.49389	.11154	.44576	.24014	-.03346	-.00127	.00036	.00118	2.69330	2.70840
2.500	10.831	.50235	.11408	.45324	.24484	-.04121	-.00106	-.00078	.00413	5.41050	5.42050
2.500	15.790	.51268	.11833	.46206	.25169	-.04956	-.00024	-.00250	.00721	7.88980	7.89980
	GRADIENT	.00175	.00024	.00162	.00071	-.00107	.00003	-.00007	.00041	.50000	.50000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A204) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 544/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.072	.26417	.11753	.24085	.15997	-.01030	-.00160	.00092	-.00123	.09477	.09231
2.500	-4.927	.26548	.11742	.24216	.16008	-.01222	-.00176	.00094	-.00123	.09321	.09387
2.500	.074	.26819	.11748	.24483	.16058	-.01532	-.00193	.00092	-.00123	.09263	.09018
2.500	5.297	.27142	.11823	.24790	.16184	-.01936	-.00171	.00095	-.00124	.08992	.08435
2.500	10.318	.27645	.11990	.25259	.16431	-.02467	-.00165	.00091	-.00125	.08680	.08747
2.500	15.294	.28091	.12227	.25661	.16736	-.03030	-.00183	.00091	-.00118	.08420	.08175
	GRADIENT	.00054	.00001	.00053	.00010	-.00062	-.00003	-.00000	.00000	-.00012	-.00074

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A205) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 545/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.068	.33205	.11502	.30218	-.01305	.17937	-.00196	.00097	-.00121	.09010	.09698
2.500	-4.984	.33598	.11502	.30604	-.01571	.18015	-.00165	.00095	-.00132	.08640	.09640
2.500	.074	.33895	.11545	.30887	-.01908	.18115	-.00158	.00096	-.00132	.09050	.08804
2.500	5.289	.34171	.11648	.31138	-.02349	.18269	-.00160	.00096	-.00129	.08583	.09271
2.500	6.434	.34222	.11665	.31185	-.02450	.18295	-.00184	.00096	-.00128	.07953	.08642
2.500	10.322	.34724	.11819	.31646	-.02889	.18545	-.00177	.00097	-.00131	.08583	.09271
2.500	15.271	.35316	.12059	.32179	-.03481	.18899	-.00140	.00098	-.00139	.08525	.08902
2.500	GRADIENT	.00060	.00009	.00057	-.00068	.00020	.00001	.00000	-.00000	.00083	-.00169

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A206) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 546/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.092	.40448	.11231	.36678	-.01641	.20418	-.00161	.00102	-.00125	.09632	.09075
2.500	-4.905	.40717	.11244	.36938	-.01922	.20492	-.00178	.00101	-.00115	.08623	.08377
2.500	.070	.41208	.11262	.37412	-.02300	.20623	-.00163	.00098	-.00133	.08952	.09329
2.500	5.280	.41427	.11395	.37596	-.02789	.20800	-.00196	.00098	-.00127	.08583	.09271
2.500	10.326	.41988	.11585	.38099	-.03350	.21112	-.00198	.00100	-.00129	.08583	.09271
2.500	15.271	.42676	.11850	.38706	-.04014	.21528	-.00169	.00102	-.00123	.08583	.09271
2.500	GRADIENT	.00099	.00004	.00095	-.00076	.00026	.00003	.00001	-.00004	.00066	-.00191

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A207) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 547/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.088	.47695	.10894	.43013	.23310	-.01988	-.00190	.00098	-.00121	.09477	.09231
2.500	-4.876	.48147	.10910	.43446	.23445	-.02303	-.00167	.00100	-.00126	.09321	.09387
2.500	.062	.48480	.10957	.43755	.23577	-.02724	-.00129	.00103	-.00125	.08952	.09329
2.500	5.276	.48755	.11091	.43987	.23774	-.03247	-.00202	.00097	-.00125	.08738	.09116
2.500	10.326	.49553	.11294	.44702	.24181	-.03867	-.00194	.00098	-.00139	.08738	.09116
2.500	15.276	.50084	.11581	.45140	.24594	-.04555	-.00158	.00108	-.00128	.08583	.09271
2.500	GRADIENT	.00067	.00010	.00063	.00027	-.00085	.00008	.00000	.00000	-.00075	-.00012

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 551/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.088	.26381	.11771	.24050	.16004	-.01111	-.03239	.00139	-.00399	.09419	.08862
2.500	-4.884	.26544	.11744	.24216	.16003	-.01346	-.03264	.00134	-.00391	.09050	.08804
2.500	.074	.26821	.11753	.24488	.16057	-.01656	-.03264	.00133	-.00393	.09263	.09018
2.500	5.285	.27300	.11839	.24947	.16221	-.02068	-.03259	.00134	-.00403	.08583	.09271
2.500	10.334	.27656	.11962	.25279	.16399	-.02554	-.03266	.00135	-.00399	.08894	.08960
2.500	15.276	.28254	.12198	.25831	.16729	-.03136	-.03271	.00135	-.00397	.09107	.09173
2.500	GRADIENT	.00056	.00002	.00055	.00011	-.00062	.00000	.00000	-.00000	.00043	.00043

PARAMETRIC DATA

ALPHA = 10.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A208) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A209) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 550/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.080	.33433	.11542	.30430	.18028	-.01404	-.03244	.00111	-.00437	.09263	.09018
2.500	-4.865	.33707	.11540	.30699	.18080	-.01673	-.03237	.00111	-.00443	.08894	.08960
2.500	.954	.33974	.11580	.30954	.18171	-.02003	-.03255	.00113	-.00434	.09263	.09018
2.500	5.289	.34368	.11668	.31323	.18335	-.02464	-.03241	.00109	-.00438	.08894	.08960
2.500	10.334	.34855	.11831	.31769	.18590	-.02997	-.03241	.00109	-.00445	.09050	.08804
2.500	15.276	.35349	.12083	.32203	.18934	-.03612	-.03243	.00110	-.00441	.08525	.08902
	GRADIENT	.00054	.00008	.00052	.00018	-.00067	-.00004	.00000	.00002	.00075	.00012

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 549/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.080	.40496	.11313	.36707	.20506	-.01701	-.03134	.00046	-.00441	.09263	.09018
2.500	-4.902	.40921	.11309	.37122	.20601	-.02005	-.03105	.00037	-.00457	.08467	.08533
2.500	.066	.41133	.11363	.37316	.20701	-.02368	-.03105	.00039	-.00454	.09050	.08804
2.500	5.293	.41595	.11478	.37740	.20918	-.02857	-.03099	.00038	-.00463	.08680	.08747
2.500	10.322	.42147	.11655	.38236	.21218	-.03430	-.03084	.00040	-.00454	.08894	.08960
2.500	15.262	.42705	.11928	.38717	.21610	-.04081	-.03110	.00039	-.00460	.08738	.09116
	GRADIENT	.00043	.00011	.00039	.00020	-.00073	.00000	.00000	.00000	.00117	.00055

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A210) (24 JUN 80)

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A211) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 548/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-10.076	.47896	.10996	.43180	.23461	-.02046	-.02825	-.00085	-.00436	.09419	.08662
2.500	-4.891	.48251	.10996	.43523	.23555	-.02362	-.02825	-.00084	-.00435	.08952	.09329
2.500	.070	.48443	.11069	.43691	.23671	-.02783	-.02819	-.00083	-.00431	.08680	.08747
2.500	5.293	.46975	.11199	.44171	.23936	-.03329	-.02817	-.00081	-.00440	.08680	.08747
2.500	10.330	.49582	.11422	.44698	.24310	-.03934	-.02838	-.00087	-.00430	.08525	.08902
2.500	15.276	.50165	.11713	.45184	.24742	-.04652	-.02839	-.00084	-.00440	.08680	.08747
	GRADIENT	.00039	.00015	.00034	.00023	-.00085	.00001	.00000	.00001	-.00055	-.00117

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LTRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 535/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.087	.24848	.12028	.22505	.15989	-.00178	-.03253	.00072	-.00979	-9.54840	-9.53840
2.500	-14.926	.25179	.11864	.22858	.15883	-.00448	-.03324	.00121	-.00872	-7.47040	-7.45530
2.500	-9.947	.25759	.11699	.23456	.15818	-.00794	-.03354	.00150	-.00717	-4.98350	-4.96310
2.500	-4.884	.26222	.11657	.23918	.15856	-.01160	-.03320	.00157	-.00556	-2.44690	-2.43690
2.500	.217	.26914	.11778	.24579	.16092	-.01619	-.03257	.00136	-.00394	.09831	.11865
2.500	5.394	.27534	.11891	.25171	.16307	-.02163	-.03231	.00086	-.00199	2.69180	2.70180
2.500	10.827	.28234	.12093	.25828	.16623	-.02799	-.03215	.00077	.00050	5.40340	5.42380
2.500	15.786	.29094	.12426	.26619	.17096	-.03489	-.03181	-.00131	.00295	7.88520	7.90040
	GRADIENT	.00136	.00024	.00130	.00046	-.00090	.00013	-.00004	.00032	.49899	.50101

ALPHA = 10.000 BETA = 2.000
 E-LORI = 2.500 E-LTRO = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A212) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 534/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	ELEVON	AILRON
2.500	-19.083	.31823	.11705	.28830	.17848	-.00478	-.03282	.00077	-9.54500	-9.53810
2.500	-14.922	.32147	.11555	.29177	.17766	-.00756	-.03285	.00116	-7.46600	-7.45600
2.500	-9.939	.32698	.11442	.29738	.17769	-.01121	-.03277	.00143	-4.97280	-4.96590
2.500	-4.879	.33232	.11520	.30246	.17951	-.01504	-.03252	.00140	-2.44730	-2.43210
2.500	.217	.33895	.11587	.30882	.18151	-.01968	-.03201	.00111	.10348	.11348
2.500	5.398	.34572	.11732	.31516	.18428	-.02555	-.03231	.00060	2.69130	2.70640
2.500	10.827	.35532	.11951	.32413	.18835	-.03226	-.03218	-.00035	5.40860	5.41860
2.500	15.786	.36346	.12262	.33149	.19302	-.03964	-.03157	-.00283	7.88520	7.90040
	GRADIENT	.00130	.00013	.00125	.00039	-.00091	.00010	-.00006	.50051	.49949

PARAMETRIC DATA

ALPHA = 12.000 BETA = 2.000
 E-LORI = 2.500 E-LTRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 533/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	ELEVON	AILRON
2.500	-19.079	.38987	.11397	.35222	.20230	-.00779	-.03157	.00031	-9.54720	-9.53210
2.500	-14.926	.39365	.11276	.35618	.20202	-.01057	-.03171	.00068	-7.46780	-7.45780
2.500	-9.943	.39929	.11297	.36161	.20355	-.01444	-.03139	.00081	-4.97630	-4.96630
2.500	-4.884	.40544	.11286	.36761	.20489	-.01840	-.03079	.00072	-2.44530	-2.43840
2.500	.217	.41134	.11373	.37315	.20711	-.02332	-.03066	.00045	.10348	.11348
2.500	5.398	.41978	.11517	.38101	.21050	-.02943	-.03077	-.00021	2.69130	2.70640
2.500	10.827	.42837	.11768	.38877	.21494	-.03657	-.03044	-.00123	5.40860	5.41860
2.500	15.790	.43749	.12135	.39678	.22065	-.04449	-.02981	-.00276	7.88980	7.89980
	GRADIENT	.00116	.00017	.00109	.00044	-.00096	.00003	-.00005	.49969	.50029

PARAMETRIC DATA

ALPHA = 14.000 BETA = 2.000
 E-LORI = 2.500 E-LTRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A215) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 532/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-19.087	.46343	.11080	.41663	.23122	-.01147	-.02894	-.00074	-.01062	-9.55100	-9.53580
2.500	-14.926	.46714	.11054	.42027	.23197	-.01408	-.02918	-.00051	-.00950	-7.47040	-7.45530
2.500	-9.943	.47280	.11012	.42584	.23308	-.01807	-.02891	-.00037	-.00801	-4.97890	-4.96370
2.500	-4.875	.48003	.10979	.43288	.23473	-.02235	-.02826	-.00047	-.00632	-2.44510	-2.42990
2.500	.217	.48507	.11069	.43751	.23693	-.02726	-.02819	-.00082	-.00424	-.09831	-.11865
2.500	5.402	.49324	.11254	.44488	.24091	-.03385	-.02816	-.00156	-.00200	2.69330	2.70840
2.500	10.827	.50261	.11548	.45311	.24625	-.04144	-.02779	-.00264	-.00095	5.40340	5.42380
2.500	15.757	.51354	.11966	.46251	.25322	-.04438	-.02726	-.00438	.00377	7.87070	7.86590
	GRADIENT	.00099	.00018	.00091	.00043	-.00097	.00001	-.00007	.00041	.49950	.50050

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A216) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 536/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.053	.24837	.11724	.22543	.15688	-.00230	-.03241	.00147	.00143	-7.44030	7.62310
2.500	-9.954	.25540	.11674	.23244	.15758	-.00652	-.03252	.00115	-.00036	-4.88770	5.06620
2.500	-4.817	.26107	.11729	.23793	.15907	-.01064	-.03224	.00116	-.00198	-2.32160	2.49590
2.500	.046	.26853	.11767	.24522	.16070	-.01619	-.03255	.00136	-.00401	-.11016	.06411
2.500	4.690	.27511	.11879	.25152	.16289	-.02166	-.03298	.00186	-.00596	2.43200	-2.25770
2.500	9.158	.28311	.12111	.25901	.16652	-.02744	-.03337	.00268	-.00804	4.66420	-4.49420
2.500	14.853	.29161	.12529	.26670	.17206	-.03529	-.03402	.00420	-.01068	7.51380	-7.33950
	GRADIENT	.00148	.00016	.00143	.00040	-.00116	-.00008	.00007	-.00042	.50000	-.50000

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A217) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 12.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 537/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.063	.31944	.11504	.28987	.17679	-.00527	-.03157	.00101	.00112	-7.44670	7.61670
2.500	-9.954	.32573	.11459	.29611	.17763	-.00947	-.03236	.00083	-.00063	-4.89450	5.06450
2.500	-4.817	.33131	.11536	.30142	.17950	-.01374	-.03220	.00088	-.00219	-2.32380	2.49380
2.500	.046	.33908	.11583	.30895	.18151	-.01966	-.03229	.00116	-.00438	.10802	.06198
2.500	4.698	.34694	.11668	.31647	.18393	-.02536	-.03242	.00170	-.00649	2.43430	-2.26430
2.500	9.168	.35373	.11919	.32262	.18775	-.03144	-.03291	.00260	-.00865	4.67090	-4.49660
2.500	14.853	.36464	.12418	.33231	.19482	-.04021	-.03386	.00428	-.01160	7.51380	-7.33950
2.500	GRADIENT	.00164	.00014	.00158	.00047	-.00122	-.00002	.00009	-.00045	.50001	-.50001

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A218) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 538/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.063	.39160	.11245	.35428	.20119	-.00828	-.03016	.00014	.00108	-7.44670	7.61670
2.500	-9.954	.39717	.11250	.35969	.20255	-.01258	-.03058	.00001	-.00063	-4.88980	5.06410
2.500	-4.821	.40289	.11296	.36514	.20434	-.01720	-.03086	.00011	-.00226	-2.32570	2.49570
2.500	.040	.41066	.11368	.37252	.20686	-.02319	-.03159	.00046	-.00452	.10288	.06307
2.500	4.696	.41880	.11480	.38018	.20986	-.02919	-.03121	.00105	-.00679	2.43280	-2.26280
2.500	9.158	.42651	.11734	.38707	.21414	-.03573	-.03214	.00204	-.00903	4.66210	-4.49620
2.500	14.853	.43834	.12267	.39732	.22210	-.04510	-.03245	.00391	-.01224	7.50970	-7.34370
2.500	GRADIENT	.00167	.00019	.00158	.00058	-.00126	-.00004	.00010	-.00048	.50000	-.50000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A219) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 539/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-15.075	.46279	.10980	.41638	-.011E+4	-.02779	-.00121	.00157	-7.45440	7.62030
2.500	-9.954	.47015	.10961	.42352	-.01640	-.02783	-.00129	-.00034	-4.89200	5.06200
2.500	-4.825	.47666	.10985	.42972	-.02108	-.02839	-.00120	-.00206	-2.32760	2.49760
2.500	.040	.48443	.11049	.43703	-.02726	-.02841	-.00079	-.00435	1.0288	.06307
2.500	4.696	.49259	.11166	.44457	-.03347	-.02855	-.00015	-.00668	2.43080	-2.26480
2.500	9.158	.50140	.11434	.45233	-.04040	-.02901	-.00093	-.00910	4.66210	-4.49620
2.500	14.853	.51324	.12006	.46221	-.05055	-.03027	-.00295	-.01256	7.50970	-7.34370
	GRADIENT	.00167	.00019	.00156	-.00130	-.00002	.00011	-.00049	.49978	-.50021

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A220) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 575/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.071	.34758	.09097	.31324	-.00509	.00032	.00044	.00321	-7.44620	7.62470
3.500	-9.949	.35171	.09051	.31735	-.00786	.00028	.00042	.00207	-4.88520	5.06380
3.500	-4.821	.35504	.09046	.32058	-.01071	-.00006	.00048	.00092	-2.32570	2.49570
3.500	.030	.36148	.09092	.32670	-.01515	-.00012	.00076	-.00075	.10451	.07403
3.500	4.704	.36748	.09194	.33224	-.01980	-.00077	.00126	-.00269	2.43720	-2.26720
3.500	9.163	.37448	.09405	.33849	-.02555	-.00105	.00211	-.00465	4.67070	-4.49220
3.500	14.867	.38560	.09880	.34805	-.03437	-.00177	.00383	-.00781	7.52270	-7.34410
	GRADIENT	.00131	.00015	.00122	-.00095	-.00007	.00008	-.00038	.50001	-.49999

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A221) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 ALPHA = 17.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 574/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.071	.41307	.08870	.37031	.20339	-.00710	.00048	.00025	.00350	-7.45050	7.62050
3.500	-9.954	.41780	.08823	.37498	.20429	-.01006	.00066	.00028	.00236	-4.89200	5.06200
3.500	-4.821	.42181	.08818	.37884	.20539	-.01308	.00034	.00040	.00115	-2.32140	2.50000
3.500	.043	.42767	.08869	.38431	.20755	-.01798	.00008	.00066	-.00078	.10241	.05949
3.500	4.698	.43498	.08990	.39096	.21080	-.02326	-.00034	.00125	-.00279	2.43850	-2.26000
3.500	9.168	.44163	.09247	.39661	.21516	-.02954	-.00090	.00223	-.00505	4.67300	-4.49450
3.500	14.849	.45375	.09772	.40673	.22363	-.03934	-.00178	.00412	-.00848	7.51370	-7.33520
	GRADIENT	.00138	.00018	.00127	.00057	-.00107	-.00007	.00009	-.00041	.49998	-.50002

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A222) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 ALPHA = 19.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 573/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.071	.48151	.08667	.42850	.23613	-.00931	.00095	.00009	.00387	-7.45050	7.62050
3.500	-9.949	.48588	.08615	.43281	.23701	-.01235	.00073	.00012	.00258	-4.88950	5.05950
3.500	-4.814	.49037	.08613	.43707	.23843	-.01584	.00051	.00023	.00129	-2.32180	2.49180
3.500	.136	.49755	.08671	.44370	.24126	-.02136	.00008	.00062	-.00087	.13697	.00064
3.500	4.926	.50543	.08819	.45069	.24518	-.02726	-.00031	.00125	-.00310	2.54000	-2.38620
3.500	9.181	.51280	.09084	.45684	.25003	-.03380	-.00074	.00232	-.00549	4.67770	-4.50350
3.500	14.849	.52579	.09675	.46726	.25977	-.04453	-.00189	.00439	-.00917	7.51160	-7.33730
	GRADIENT	.00155	.00021	.00140	.00069	-.00117	-.00008	.00010	-.00045	.49915	-.50034

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A223) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 21.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 572/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.075	.55224	.08423	.48706	.27357	-.01179	.00122	-.00003	.00426	-7.45020	7.62450
3.500	-9.934	.55715	.08346	.49192	.27458	-.01513	.00090	-.00003	.00286	-4.88410	5.05000
3.500	-4.814	.56234	.08347	.49677	.27542	-.01886	.00070	.00012	.00138	-2.32390	2.48980
3.500	.099	.56887	.08435	.50258	.27953	-.02475	.00029	.00054	-.00088	.12233	.02337
3.500	4.698	.57750	.08605	.51006	.28416	-.03110	.00003	.00127	-.00322	2.43220	-2.26630
3.500	9.163	.58662	.08928	.51746	.29038	-.03868	-.00056	.00249	-.00593	4.66640	-4.49640
3.500	14.853	.60036	.09543	.52816	.30097	-.05003	-.00177	.00469	-.00995	7.51170	-7.34170
3.500	GRADIENT	.00159	.00027	.00139	.00081	-.00129	-.00007	.00012	-.00048	.49998	-.50002

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 560/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.075	.34459	.09162	.31016	.17589	-.00423	-.00113	.00077	-.00532	-9.53810	-9.53750
3.500	-14.918	.34783	.09131	.31337	.17641	-.00626	-.00106	.00099	-.00450	-7.46100	-7.45720
3.500	-9.939	.35164	.09100	.31714	.17708	-.00862	-.00102	.00109	-.00340	-4.97430	-4.96430
3.500	-4.871	.35537	.09086	.32077	.17789	-.01158	-.00071	.00100	-.00220	-2.44030	-2.43030
3.500	.226	.36064	.09127	.32577	.17962	-.01533	-.00034	.00075	-.00069	.10775	.11775
3.500	5.398	.36630	.09222	.33101	.18198	-.02026	-.00024	.00027	.00125	2.69540	2.70230
3.500	10.831	.37488	.09443	.33875	.18629	-.02675	.00028	-.00066	.00375	5.41210	5.41900
3.500	15.790	.38385	.09793	.34654	.19194	-.03445	.00089	-.00218	.00660	7.89140	7.89830
3.500	GRADIENT	.00103	.00008	.00098	.00034	-.00073	.00007	-.00005	.00029	.50000	-.50000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A224) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 5617 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.079	.41010	.08955	.36722	-.00645	.20334	-.00089	.00079	-.00565	-9.54460	-9.53460
3.500	-14.929	.41352	.08907	.37063	-.00810	.20386	-.00092	.00099	-.00481	-7.46810	-7.46130
3.500	-9.939	.41742	.08869	.37448	-.01085	.20463	-.00068	.00111	-.00362	-4.97280	-4.96590
3.500	-4.871	.42160	.08856	.37852	-.01412	.20570	-.00038	.00099	-.00234	-2.43880	-2.43190
3.500	.226	.42674	.08898	.38332	-.01796	.20758	.00007	.00069	-.00067	.10931	.11619
3.500	5.398	.43398	.09015	.38993	-.02368	.21076	.00014	.00011	.00143	2.69380	2.70380
3.500	10.835	.44256	.09253	.39747	-.03087	.21550	.00051	-.00096	.00417	5.41550	5.41930
3.500	15.794	.45324	.09646	.40658	-.03913	.22232	.00109	-.00259	.00721	7.89500	7.89880
	GRADIENT	.00101	.00008	.00094	-.00076	.00037	.00009	-.00006	.00033	.50001	.50001

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 5627 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CLM	CD	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.079	.47876	.08753	.42563	-.00873	.23603	-.00083	.00088	-.00605	-9.54460	-9.53460
3.500	-14.918	.48139	.08690	.42833	-.01061	.23626	-.00077	.00104	-.00515	-7.46410	-7.45410
3.500	-9.939	.48553	.08655	.43236	-.01347	.23727	-.00076	.00107	-.00392	-4.97120	-4.96740
3.500	-4.875	.49036	.08645	.43696	-.01712	.23873	-.00048	.00090	-.00253	-2.44090	-2.43410
3.500	.221	.49638	.08702	.44248	-.02145	.24120	.00007	.00061	-.00070	.10562	.11562
3.500	5.410	.50460	.08834	.44985	-.02746	.24507	.00042	-.00004	.00165	2.69730	2.71250
3.500	10.835	.51369	.09092	.45764	-.03527	.25042	.00084	-.00124	.00465	5.40980	5.42500
3.500	15.794	.52475	.09551	.46666	-.04430	.25829	.00158	-.00302	.00795	7.88670	7.90710
	GRADIENT	.00118	.00011	.00108	-.00085	.00048	.00011	-.00006	.00036	.49969	.50031

DATE 25 JUN 80

LAI131 (LARC UPWT 1299)

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LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A227) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 21.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 563/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.079	.55080	.08526	.48539	.27396	-.01110	-.00076	.00100	-.00649	-9.54720	-9.53210
3.500	-14.918	.55391	.08463	.48624	.27447	-.01306	-.00059	.00121	-.00555	-7.46670	-7.45150
3.500	-9.935	.55839	.08420	.49284	.27567	-.01594	-.00039	.00119	-.00425	-4.97230	-4.96230
3.500	-4.871	.56311	.08393	.49735	.27708	-.01981	-.00003	.00097	-.00266	-2.44030	-2.43030
3.500	.221	.56949	.08452	.50311	.27988	-.02466	.00039	.00059	-.00067	.10044	.12079
3.500	5.406	.57825	.08613	.51075	.28449	-.03124	.00070	-.00014	.00188	2.69790	2.70790
3.500	10.831	.58898	.08933	.51965	.29127	-.03998	.00120	-.00141	.00509	5.40790	5.42310
3.500	15.790	.60049	.09433	.52867	.30000	-.04971	.00200	-.00336	.00861	7.88730	7.90240
	GRADIENT	.00125	.00012	.00113	.00055	-.00095	.00008	-.00007	.00039	.49898	.50102

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A228) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 552/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.088	.35555	.09077	.32094	.17792	-.01031	-.00052	.00078	-.00074	.09379	.09756
3.500	-4.869	.35726	.09092	.32256	.17849	-.01239	-.00053	.00077	-.00079	.09321	.09387
3.500	.078	.35951	.09131	.32464	.17942	-.01513	-.00075	.00074	-.00079	.09263	.09018
3.500	5.297	.36276	.09209	.32759	.18099	-.01861	-.00045	.00075	-.00077	.08738	.09116
3.500	10.343	.36749	.09349	.33183	.18353	-.02337	-.00066	.00077	-.00087	.08467	.08533
3.500	15.257	.37297	.09613	.33647	.18744	-.03000	-.00058	.00078	-.00080	.08894	.08960
	GRADIENT	.00045	.00008	.00042	.00019	-.00056	-.00004	-.00001	.00000	-.00012	-.00075

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A2E9) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 553/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.080	.42085	.08855	.37783	.20544	-.01267	-.00032	.00070	-.00076	.09165	.09543
3.500	-4.887	.42234	.08873	.37920	.20603	-.01474	-.00032	.00070	-.00080	.08738	.09116
3.500	.070	.42548	.08914	.38210	.20731	-.01787	-.00023	.00072	-.00077	.08738	.09116
3.500	5.280	.42957	.09014	.38574	.20943	-.02209	-.00024	.00070	-.00082	.08467	.08533
3.500	10.330	.43366	.09169	.38922	.21206	-.02744	-.00016	.00072	-.00081	.08525	.08902
3.500	15.257	.44016	.09453	.39466	.21662	-.03452	-.00028	.00072	-.00083	.08311	.08689
	GRADIENT	.00063	.00008	.00058	.00026	-.00063	.00002	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A230) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 554/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.084	.49013	.08639	.43664	.23883	-.01510	-.00012	.00062	-.00076	.09379	.09756
3.500	-4.869	.49309	.08663	.43936	.24000	-.01766	-.00023	.00056	-.00076	.09321	.09387
3.500	.058	.49654	.08710	.44249	.24154	-.02133	-.00013	.00059	-.00081	.08738	.09116
3.500	5.217	.50077	.08819	.44616	.24391	-.02613	-.00015	.00061	-.00081	.07953	.08642
3.500	10.343	.50543	.08999	.45001	.24707	-.03186	-.00027	.00061	-.00083	.08738	.09116
3.500	15.239	.51296	.09322	.45614	.25251	-.04005	-.00030	.00060	-.00084	.08738	.09116
	GRADIENT	.00070	.00010	.00064	.00031	-.00075	.00002	.00001	-.00001	-.00118	-.00055

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A231) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 21.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 555/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.092	.56185	.08390	.49608	.27680	-.01783	-.00001	.00054	-.00084	.09321	.09387
3.500	-4.873	.56435	.08418	.49833	.27793	-.02077	-.00001	.00055	-.00086	.09477	.09231
3.500	.062	.56728	.08463	.50093	.27935	-.02474	.00018	.00052	-.00084	.08952	.09329
3.500	5.285	.57218	.08599	.50505	.28232	-.02999	.00017	.00059	-.00088	.08738	.09116
3.500	10.334	.57734	.08795	.50922	.28593	-.03675	-.00007	.00050	-.00086	.08583	.09271
3.500	15.248	.58590	.09173	.51593	.29242	-.04568	.00001	.00055	-.00088	.08583	.09271
	GRADIENT	.00059	.00009	.00053	.00029	-.00080	.00004	-.00001	.00000	-.00106	.00020

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A232) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 559/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.076	.35587	.09065	.32128	.17786	-.01084	-.02531	-.00028	-.00375	.09321	.09387
3.500	-4.869	.35779	.09077	.32312	.17846	-.01283	-.02531	-.00025	-.00371	.09321	.09387
3.500	.066	.36057	.09118	.32571	.17955	-.01565	-.02521	-.00028	-.00374	.09477	.09231
3.500	5.276	.36359	.09200	.32843	.18108	-.01933	-.02523	-.00027	-.00374	.09477	.09231
3.500	10.343	.36816	.09337	.33251	.18356	-.02411	-.02515	-.00027	-.00376	.08952	.09329
3.500	15.262	.37380	.09596	.33732	.18748	-.03043	-.02515	-.00024	-.00376	.09107	.09173
	GRADIENT	.00056	.00008	.00052	.00022	-.00057	.00002	-.00001	-.00000	.00032	-.00032

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A233) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 558/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.072	.42215	.08857	.37899	.20597	-.01301	-.02364	-.00105	-.00380	.09165	.09543
3.500	-4.891	.42411	.08870	.38084	.20664	-.01527	-.02342	-.00105	-.00380	.09690	.09445
3.500	.074	.42770	.08920	.38414	.20813	-.01858	-.02345	-.00106	-.00382	.09321	.09387
3.500	5.297	.43139	.09013	.38741	.21007	-.02281	-.02335	-.00106	-.00386	.09010	.09698
3.500	10.343	.43582	.09181	.39119	.21293	-.02804	-.02356	-.00103	-.00387	.09321	.09387
3.500	15.266	.44159	.09458	.39594	.21720	-.03523	-.02359	-.00100	-.00387	.09107	.09173
	GRADIENT	.00072	.00010	.00066	.00030	-.00069	-.00001	-.00000	-.00000	-.00074	-.00012

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A234) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 557/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.080	.49163	.08663	.43796	.23958	-.01552	-.02253	-.00176	-.00397	.09379	.09756
3.500	-4.887	.49403	.08677	.44019	.24047	-.01816	-.02235	-.00176	-.00396	.09477	.09231
3.500	.078	.49715	.08724	.44301	.24190	-.02167	-.02237	-.00177	-.00399	.09321	.09387
3.500	5.289	.50081	.08831	.44615	.24404	-.02647	-.02259	-.00177	-.00403	.09165	.09543
3.500	10.318	.50649	.09015	.45095	.24759	-.03237	-.02230	-.00176	-.00401	.08583	.09271
3.500	15.265	.51366	.09332	.45676	.25285	-.04047	-.02232	-.00174	-.00404	.08952	.09329
	GRADIENT	.00063	.00010	.00057	.00029	-.00071	-.00000	-.00000	-.00001	-.00031	-.00031

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LAI131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A235) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 556/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-10.092	.56287	.08426	.49687	.27758	-.01817	-.02099	-.00259	-.00386	.09321	.09387
3.500	-4.880	.56436	.08447	.49821	.27824	-.02103	-.02111	-.00261	-.00387	.09107	.09173
3.500	.058	.56902	.08499	.50239	.28039	-.02498	-.02101	-.00261	-.00391	.08640	.09173
3.500	5.293	.57413	.08619	.50677	.28327	-.03034	-.02103	-.00261	-.00390	.09107	.09173
3.500	10.343	.57947	.08831	.51104	.28709	-.03700	-.02106	-.00259	-.00395	.08952	.09329
3.500	15.252	.58675	.09178	.51666	.29285	-.04586	-.02098	-.00258	-.00399	.08738	.09116
	GRADIENT	.00094	.00111	.00085	.00044	-.00080	.00002	-.00000	-.00001	-.00095	.00095

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 567/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.090	.34838	.09153	.31384	.17678	-.00532	-.02561	-.00016	-.00800	-9.54870	-9.54180
3.500	-14.929	.35056	.09110	.31606	.17691	-.00698	-.02564	-.00002	-.00723	-7.45970	-7.45970
3.500	-9.954	.35406	.09053	.31958	.17726	-.00927	-.02561	-.00007	-.00622	-4.98230	-4.97230
3.500	-4.888	.35706	.09056	.32249	.17803	-.01203	-.02529	-.00001	-.00504	-2.44910	-2.44910
3.500	.217	.36189	.09095	.32705	.17965	-.01548	-.02512	-.00027	-.00354	.10348	.11348
3.500	5.398	.36805	.09210	.33272	.18232	-.02022	-.02483	-.00076	-.00171	2.69130	2.70640
3.500	10.827	.37620	.09425	.34006	.18646	-.02662	-.02430	-.00170	-.00067	5.40340	5.42380
3.500	15.786	.38535	.09751	.34809	.19193	-.03391	-.02356	-.00314	-.00343	7.88780	7.89780
	GRADIENT	.00095	.00008	.00089	.00032	-.00068	.00003	-.00005	.00027	.50001	.50001

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 BDFLAP = 1.250 AILRON = .000
 SPOBRK = .000

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(17A236) (24 JUN 80)

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A237) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 566/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.087	.41408	.08947	.37104	.20443	-.00744	-.02399	-.00084	-.00844	-9.54840	-9.53840
3.500	-14.933	.41595	.08897	.37298	.20450	-.00912	-.02413	-.00067	-.00759	-7.47160	-7.46160
3.500	-9.947	.42023	.08862	.37717	.20540	-.01148	-.02390	-.00061	-.00656	-4.98090	-4.96570
3.500	-4.892	.42366	.08850	.38049	.20626	-.01456	-.02371	-.00073	-.00527	-2.45130	-2.44130
3.500	.204	.42880	.08893	.38529	.20815	-.01840	-.02334	-.00102	-.00372	.09449	.10966
3.500	5.394	.43517	.09030	.39101	.21128	-.02363	-.02296	-.00162	-.00160	2.68920	2.70440
3.500	10.827	.44439	.09261	.39918	.21615	-.03060	-.02257	-.00263	.00097	5.40860	5.41860
3.500	15.781	.45397	.09648	.40725	.22259	-.03868	-.02178	-.00423	.00402	7.88730	7.89410
	GRADIENT	.00101	.00009	.00094	.00037	-.00075	.00007	-.00006	.00030	.49950	.50052

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(17A238) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 565/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.083	.48287	.08747	.42948	.23741	-.00953	-.02276	-.00140	-.00889	-9.54650	-9.53650
3.500	-14.929	.48517	.08699	.43181	.23769	-.01141	-.02291	-.00125	-.00806	-7.47230	-7.45710
3.500	-9.943	.48909	.08655	.43566	.23854	-.01416	-.02268	-.00123	-.00690	-4.97480	-4.95790
3.500	-4.879	.49330	.08648	.43967	.23982	-.01707	-.02230	-.00137	-.00551	-2.44730	-2.43210
3.500	.217	.49879	.08711	.44467	.24217	-.02149	-.02196	-.00171	-.00382	.10348	.11348
3.500	5.398	.50673	.08846	.45176	.24600	-.02728	-.02149	-.00233	-.00152	2.68870	2.70900
3.500	10.827	.51613	.09111	.45981	.25152	-.03497	-.02126	-.00347	.00137	5.40860	5.41860
3.500	15.786	.52603	.09550	.46780	.25884	-.04395	-.02062	-.00526	.00457	7.88520	7.90040
	GRADIENT	.00108	.00012	.00098	.00046	-.00087	.00007	-.00007	.00033	.50051	.49949

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LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A239) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 21.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 564/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-19.083	.55311	.08546	.48744	.27503	-.01203	-.02177	-.00208	-.00921	-9.54910	-9.53390
3.500	-14.926	.55572	.08490	.49008	.27542	-.01392	-.02172	-.00199	-.00836	-7.46780	-7.45780
3.500	-9.943	.56041	.08438	.49464	.27660	-.01659	-.02130	-.00195	-.00714	-4.97630	-4.96630
3.500	-4.875	.56490	.08429	.49888	.27810	-.02017	-.02092	-.00216	-.00565	-2.44250	-2.43250
3.500	.221	.57095	.08477	.50436	.28070	-.02482	-.02061	-.00257	-.00376	.10303	.11820
3.500	5.398	.57888	.08643	.51119	.28505	-.03132	-.02029	-.00327	-.00128	2.69130	2.70640
3.500	10.835	.58972	.08968	.52019	.29193	-.03974	-.01967	-.00452	-.00186	5.40980	5.42500
3.500	15.790	.60052	.09450	.52850	.30023	-.04910	-.01886	-.00647	-.00530	7.88980	7.89980
	GRADIENT	.00119	.00010	.00108	.00051	-.00091	.00006	-.00008	.00037	.49949	.50051

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A240) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 568/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.071	.34818	.09095	.31379	.17618	-.00486	-.02438	-.00053	.00053	-7.44620	7.62470
3.500	-9.949	.35199	.09052	.31758	.17672	-.00792	-.02452	-.00059	-.00071	-4.89020	5.06870
3.500	-4.817	.35553	.09053	.32101	.17762	-.01094	-.02485	-.00052	-.00194	-2.32160	2.49590
3.500	-3.304	.35902	.09060	.32436	.17860	-.01276	-.02500	-.00046	-.00264	-1.57730	1.72700
3.500	.040	.36245	.09094	.32760	.17979	-.01548	-.02513	-.00025	-.00374	.10704	.06723
3.500	4.698	.36896	.09197	.33362	.18243	-.02059	-.02535	-.00028	-.00565	2.43430	-2.26430
3.500	9.168	.37591	.09428	.33977	.18644	-.02641	-.02591	.00119	-.00776	4.66670	-4.50080
3.500	14.867	.38716	.09912	.34942	.19397	-.03541	-.02664	.00294	-.01094	7.51840	-7.34840
	GRADIENT	.00135	.00015	.00127	.00049	-.00099	-.00005	.00008	-.00038	.50035	-.49966

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 569/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 17.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELY-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.075	.41384	.08886	.37096	.20383	-.00686	-.02253	-.00135	.00071	-7.45440	7.62030
3.500	-9.934	.41794	.08841	.37502	.20457	-.01012	-.02287	-.00144	-.00056	-4.88410	5.05000
3.500	-4.821	.42253	.08834	.37944	.20583	-.01332	-.02309	-.00134	-.00187	-2.32770	2.49370
3.500	.046	.42953	.08895	.38599	.20833	-.01839	-.02323	-.00102	-.00381	.10397	.05793
3.500	4.696	.43529	.09032	.39109	.21139	-.02386	-.02375	-.00043	-.00586	2.43080	-2.26480
3.500	9.172	.44453	.09282	.39922	.21645	-.03050	-.02430	.00055	-.00828	4.66900	-4.50310
3.500	14.858	.45675	.09821	.40939	.22510	-.04026	-.02518	.00246	-.01168	7.51190	-7.34600
3.500	GRADIENT	.00134	.00021	.00123	.00058	-.00111	-.00007	.00010	-.00042	.50000	-.50000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 570/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELY-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.063	.48110	.08678	.42809	.23605	-.00888	-.02129	-.00216	.00094	-7.44880	7.61470
3.500	-9.949	.48588	.08626	.43279	.23709	-.01241	-.02173	-.00221	-.00040	-4.89350	5.05540
3.500	-4.814	.49121	.08634	.43781	.23889	-.01587	-.02193	-.00208	-.00184	-2.32590	2.48780
3.500	.046	.49780	.08707	.44382	.24168	-.02140	-.02196	-.00169	-.00393	.10600	.05995
3.500	4.701	.50577	.08857	.45089	.24566	-.02748	-.02245	-.00108	-.00622	2.43170	-2.26980
3.500	9.149	.51378	.09140	.45757	.25091	-.03476	-.02329	-.00003	-.00875	4.65760	-4.49160
3.500	14.849	.52722	.09734	.46842	.26081	-.04539	-.02401	.00210	-.01248	7.50740	-7.34150
3.500	GRADIENT	.00153	.00023	.00137	.00071	-.00122	-.00005	.00010	-.00046	.50000	-.50000

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(17A243) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 21.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 571/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-15.071	.55200	.08433	.48682	.27353	-.01132	-.01999	-.00315	.00137	-7.45050	7.62050
3.500	-9.944	.35694	.08377	.49164	.27476	-.01503	-.02022	-.00314	-.00003	-4.98900	5.05500
3.500	-4.817	.56207	.08397	.49636	.27676	-.01866	-.02040	-.00297	-.00156	-2.32380	2.49380
3.500	.049	.57083	.08479	.50426	.28064	-.02490	-.02070	-.00255	-.00395	.10755	.05840
3.500	4.766	.57851	.08652	.51084	.28496	-.03162	-.02107	-.00183	-.00637	2.45810	-2.30840
3.500	9.158	.58843	.08968	.51900	.29143	-.03940	-.02176	-.00067	-.00917	4.66210	-4.49620
3.500	14.849	.60211	.09603	.52957	.30217	-.05073	-.02265	-.00160	-.01311	7.50940	-7.33940
	GRADIENT	.00172	.00027	.00151	.00086	-.00135	-.00007	.00012	-.00050	.49895	-.50106

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A244) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 576/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.094	.33913	.07797	.30553	.16656	-.00722	-.00025	.00063	-.00421	-9.54120	-9.55300
4.500	-14.922	.34015	.07750	.30664	.16637	-.00854	-.00041	.00076	-.00363	-7.45980	-7.46220
4.500	-9.935	.34270	.07708	.30921	.16665	-.01052	-.00034	.00077	-.00277	-4.96770	-4.96700
4.500	-4.862	.34622	.07701	.31261	.16754	-.01276	-.00001	.00069	-.00175	-2.42970	-2.43220
4.500	.230	.35023	.07727	.31641	.16887	-.01604	.00029	.00050	-.00044	.11456	.11522
4.500	5.406	.35620	.07829	.32188	.17146	-.02062	.00064	.00002	.00140	2.70410	2.70160
4.500	10.835	.36366	.08042	.32849	.17552	-.02704	.00089	-.00087	.00386	5.41400	5.42090
4.500	15.794	.37401	.08418	.33745	.18192	-.03488	.00172	-.00234	.00673	7.89190	7.90190
	GRADIENT	.00079	.00005	.00075	.00026	-.00064	.00006	-.00004	.00026	.49969	-.50031

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 577/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.083	.40250	.07654	.36037	.19493	-.00815	-.00025	.00060	-.00453	-9.54340	-9.53960
4.500	-14.922	.40446	.07615	.36236	.19515	-.00933	-.00014	.00071	-.00392	-7.46290	-7.45910
4.500	-9.939	.40741	.07569	.36530	.19562	-.01157	-.00007	.00074	-.00298	-4.97120	-4.96740
4.500	-4.875	.41044	.07552	.36825	.19637	-.01421	.00011	.00060	-.00188	-2.44250	-2.43250
4.500	.217	.41501	.07595	.37246	.19817	-.01762	.00066	.00039	-.00042	.10348	.11348
4.500	5.406	.42197	.07712	.37874	.20140	-.02273	.00072	-.00015	.00161	2.69940	2.70630
4.500	10.835	.43137	.07962	.38691	.20670	-.02991	.00107	-.00113	.00434	5.41240	5.42240
4.500	15.790	.44229	.08360	.39509	.21381	-.03856	.00199	-.00277	.00757	7.88980	7.89980
4.500	GRADIENT	.00090	.00009	.00083	.00035	-.00067	.00011	-.00004	.00029	.50000	.50000

ALPHA = 18.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDELAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 578/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.079	.46990	.07527	.41721	.22893	-.00904	-.00037	.00058	-.00496	-9.54310	-9.53620
4.500	-14.926	.47188	.07487	.41920	.22923	-.01048	-.00026	.00071	-.00433	-7.46780	-7.45780
4.500	-9.939	.47546	.07444	.42272	.23002	-.01286	.00021	.00069	-.00328	-4.97120	-4.96740
4.500	-4.879	.47901	.07434	.42609	.23113	-.01550	.00052	.00057	-.00205	-2.44000	-2.43940
4.500	.217	.48493	.07491	.43147	.23366	-.01968	.00064	.00028	-.00045	.10504	.11193
4.500	5.402	.49197	.07614	.43769	.23719	-.02558	.00093	-.00030	.00186	2.69740	2.70430
4.500	10.835	.50185	.07884	.44609	.24306	-.03330	.00152	-.00141	.00488	5.41240	5.42240
4.500	15.790	.51366	.08334	.45569	.25127	-.04284	.00240	-.00321	.00828	7.88980	7.89980
4.500	GRADIENT	.00116	.00011	.00106	.00050	-.00082	.00002	-.00006	.00032	.49938	.50062

ALPHA = 20.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDELAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 579/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.079	.54024	.07396	.47489	.26797	-.01041	-.00019	.00063	-.00552	-9.54150	-9.53780
4.500	-14.922	.54227	.07365	.47690	.26842	-.01224	-.00009	.00075	-.00473	-7.46440	-7.45750
4.500	-9.943	.54576	.07319	.48030	.26929	-.01462	.00010	.00073	-.00365	-4.97480	-4.96790
4.500	-4.875	.55029	.07298	.48460	.27077	-.01779	.00039	.00057	-.00232	-2.43940	-2.43560
4.500	.221	.55674	.07344	.49042	.27357	-.02238	.00089	.00023	-.00050	.10717	.11406
4.500	5.398	.56429	.07501	.49686	.27781	-.02881	.00115	-.00046	.00206	2.69130	2.70640
4.500	10.827	.57527	.07815	.50591	.28477	-.03745	.00182	-.00177	.00537	5.40600	5.42120
4.500	15.790	.58759	.08309	.51555	.29390	-.04751	.00281	-.00364	.00903	7.89140	7.89830
	GRADIENT	.00127	.00009	.00114	.00055	-.00090	.00010	-.00007	.00036	.49970	.50030

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
E-LORI = 2.500 E-LIRO = .000
ELEVON = 1.250 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 591/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.060	.33530	.07772	.30191	.16527	-.00792	.00073	.00016	.00282	-7.44890	7.61080
4.500	-9.944	.33810	.07740	.30469	.16571	-.01002	.00078	.00011	.00194	-4.88900	5.05500
4.500	-4.814	.34170	.07732	.30818	.16660	-.01233	.00043	.00017	.00101	-2.32390	2.48980
4.500	.037	.34658	.07781	.31276	.16840	-.01619	.00028	.00044	-.00047	.09930	.06260
4.500	4.701	.35207	.07871	.31779	.17075	-.02073	.00002	.00086	-.00222	2.43170	-2.26980
4.500	9.168	.35923	.08060	.32413	.17468	-.02651	-.00057	.00171	-.00430	4.66670	-4.50080
4.500	14.840	.37079	.08548	.33400	.18231	-.03545	-.00140	.00341	-.00752	7.50090	-7.33900
	GRADIENT	.00109	.00015	.00101	.00044	-.00088	-.00004	.00007	-.00034	.49979	-.50021

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
E-LORI = 2.500 E-LIRO = .000
ELEVON = 1.250 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A249) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 590/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.067	.39989	.07614	.35800	.19376	-.00854	.00107	-.00004	.00321	-7.45060	7.61660
4.500	-9.944	.40309	.07580	.36115	.19440	-.01088	.00085	-.00004	.00226	-4.89310	5.05090
4.500	-4.810	.40627	.07583	.36417	.19541	-.01343	.00079	.00006	.00122	-2.32190	2.48790
4.500	.040	.41180	.07638	.36928	.19760	-.01777	.00038	.00033	-.00051	.10288	.06307
4.500	4.701	.41812	.07466	.37497	.20054	-.02278	-.00013	.00083	-.00242	2.43370	-2.26780
4.500	9.168	.42660	.07991	.38232	.20544	-.02926	-.00055	.00179	-.00474	4.66670	-4.50080
4.500	14.844	.43893	.08505	.39252	.21407	-.03940	-.00147	.00368	-.00826	7.50520	-7.33920
GRADIENT		.00125	.00017	.00113	.00054	-.00098	-.00010	.00008	-.00038	.49999	-.50001

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A250) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 589/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.067	.46721	.07478	.41486	.22752	-.00954	.00155	-.00023	.00363	-7.45060	7.61660
4.500	-9.944	.47091	.07445	.41846	.22844	-.01199	.00107	-.00021	.00260	-4.89150	5.05750
4.500	-4.817	.47496	.07449	.42227	.22984	-.01491	.00074	-.00011	.00138	-2.32580	2.49170
4.500	.040	.48130	.07521	.42800	.23264	-.01971	.00063	.00022	-.00049	.10288	.06307
4.500	4.701	.48847	.07656	.43430	.23533	-.02544	.00028	.00080	-.00264	2.43370	-2.26780
4.500	9.190	.49727	.07919	.44171	.24175	-.03264	-.00038	.00187	-.00521	4.67210	-4.51830
4.500	14.849	.50984	.08477	.45168	.25121	-.04360	-.00126	.00393	-.00898	7.50740	-7.34150
GRADIENT		.00142	.00022	.00126	.00068	-.00111	-.00005	.00009	-.00042	.50000	-.50000

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A251) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 588/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.063	.53880	.07326	.47380	.26680	-.01102	.00190	-.00036	.00405	-7.44670	7.61670
4.500	-9.959	.54199	.07294	.47689	.26766	-.01373	.00142	-.00036	.00294	-4.89850	5.06040
4.500	-4.817	.54641	.07296	.48100	.26931	-.01700	.00125	-.00018	.00161	-2.32380	2.49380
4.500	.046	.55352	.07385	.48728	.27276	-.02240	.00074	.00015	-.00052	1.06500	.05955
4.500	4.698	.56155	.07530	.49421	.27705	-.02885	.00057	.00084	-.00288	2.43220	-2.26630
4.500	9.186	.57109	.07837	.50196	.28342	-.03637	-.00007	.00199	-.00567	4.66980	-4.51600
4.500	14.849	.58483	.08448	.51249	.29414	-.04836	-.00143	.00431	-.00984	7.50740	-7.34150
4.500	GRADIENT	.00159	.00025	.00139	.00081	-.00124	-.00007	.00011	-.00047	.49979	-.50022

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 592/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.096	.34264	.07750	.30904	.16704	-.01215	.00015	.00045	-.00048	.07704	.08081
4.500	-4.891	.34440	.07753	.31073	.16754	-.01379	.00028	.00044	-.00048	.08583	.09271
4.500	.074	.34651	.07779	.31269	.16836	-.01631	.00014	.00044	-.00050	.08525	.08902
4.500	5.289	.34954	.07851	.31542	.16987	-.01944	.00026	.00042	-.00050	.08583	.09271
4.500	10.330	.35390	.07966	.31932	.17213	-.02381	.00025	.00042	-.00053	.07953	.08642
4.500	15.262	.35798	.08184	.32266	.17532	-.03003	.00024	.00046	-.00055	.07595	.08595
4.500	GRADIENT	.00042	.00005	.00039	.00017	-.00051	-.00003	.00000	-.00000	-.00012	-.00074

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A252) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A253) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 593/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.080	.40753	.07601	.36531	.19597	-.01323	.00054	.00037	-.00046	.09050	.08904
4.500	-4.880	.40923	.07603	.36693	.19649	-.01512	.00039	.00037	-.00050	.08894	.08960
4.500	.062	.41227	.07638	.36973	.19774	-.01789	.00038	.00033	-.00049	.08680	.08747
4.500	5.297	.41574	.07717	.37280	.19953	-.02165	.00051	.00037	-.00051	.08525	.08902
4.500	10.334	.42002	.07867	.37644	.20224	-.02664	.00063	.00035	-.00051	.08156	.08844
4.500	15.248	.42549	.08111	.38093	.20620	-.03374	.00047	.00037	-.00052	.08525	.08902
	GRADIENT	.00062	.00007	.00057	.00025	-.00056	-.00000	-.00001	.00000	-.00043	-.00043

ALPHA = 18.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A254) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 594/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.068	.47703	.07458	.42412	.23075	-.01467	.00065	.00026	-.00050	.09107	.09173
4.500	-4.869	.47872	.07487	.42562	.23158	-.01681	.00078	.00028	-.00045	.09205	.08649
4.500	.066	.48169	.07520	.42830	.23288	-.02008	.00063	.00024	-.00051	.08992	.08435
4.500	5.301	.48606	.07607	.43215	.23515	-.02447	.00076	.00026	-.00051	.08894	.08960
4.500	10.318	.49025	.07772	.43554	.23809	-.03008	.00074	.00028	-.00053	.08369	.09058
4.500	15.271	.49841	.08066	.44225	.24358	-.03854	.00057	.00026	-.00056	.08311	.08689
	GRADIENT	.00060	.00007	.00054	.00026	-.00066	-.00003	-.00001	-.00001	-.00043	-.00043

ALPHA = 20.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 22.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 2.500 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 1.250 AILRON = .000
 SCALE = .0200 SPDBRK = 55.000 RUDDER = .000

RUN NO. 595/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.096	.54803	.07331	.48232	.27033	-.01634	.00105	.00025	-.00050	.09107	.09173
4.500	-4.876	.55109	.07338	.48515	.27152	-.01927	.00089	.00015	-.00051	.08894	.08960
4.500	.066	.55398	.07378	.48769	.27294	-.02316	.00075	.00024	-.00055	.09050	.08804
4.500	5.272	.55874	.07490	.49171	.27572	-.02790	.00088	.00026	-.00057	.08747	.08680
4.500	10.330	.56431	.07672	.49623	.27943	-.03453	.00085	.00021	-.00058	.08467	.08533
4.500	15.262	.57192	.08021	.50205	.28544	-.04371	.00097	.00030	-.00058	.08467	.08533
	GRADIENT	.00058	.00008	.00051	.00029	-.00079	-.00003	.00002	-.00001	.00031	-.00031

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 16.000 BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 2.500 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 1.250 AILRON = .000
 SCALE = .0200 SPDBRK = 55.000 RUDDER = .000

RUN NO. 599/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.088	.34349	.07757	.30982	.16736	-.01261	-.02121	-.00067	-.00351	.08836	.08591
4.500	-4.884	.34469	.07768	.31096	.16778	-.01438	-.02149	-.00067	-.00357	.08680	.08747
4.500	.054	.34729	.07795	.31339	.16874	-.01689	-.02149	-.00067	-.00359	.08525	.08902
4.500	5.297	.35018	.07864	.31599	.17017	-.02027	-.02149	-.00065	-.00360	.08738	.09116
4.500	10.334	.35355	.07979	.31894	.17217	-.02452	-.02137	-.00067	-.00365	.08836	.08591
4.500	15.252	.35916	.08200	.32376	.17579	-.03099	-.02167	-.00063	-.00372	.08467	.08279
	GRADIENT	.00053	.00006	.00049	.00019	-.00051	-.00000	.00000	-.00000	-.00032	-.00032

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A257) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDRBK = 55.000 RUDDER = .000

RUN NO. 598/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.100	.40871	.07607	.36640	.19643	-.01361	-.02044	-.00117	-.00371	.08836	.08591
4.500	-4.891	.41044	.07618	.36801	.19705	-.01563	-.02045	-.00115	-.00371	.08836	.08591
4.500	.066	.41295	.07651	.37030	.19813	-.01852	-.02045	-.00115	-.00372	.08836	.08591
4.500	5.293	.41687	.07740	.37378	.20015	-.02227	-.02047	-.00117	-.00372	.08836	.08591
4.500	10.318	.42058	.07869	.37693	.20249	-.02727	-.02048	-.00117	-.00377	.08680	.08747
4.500	15.271	.42707	.08143	.38230	.20704	-.03447	-.02050	-.00113	-.00381	.08778	.08222
	GRADIENT	.00051	.00007	.00046	.00022	-.00058	-.00000	.00000	-.00000	.00000	.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A258) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDRBK = 55.000 RUDDER = .000

RUN NO. 597/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.084	.47635	.07488	.42343	.23071	-.01466	-.01889	-.00193	-.00363	.09050	.08604
4.500	-4.876	.47896	.07497	.42586	.23167	-.01693	-.01890	-.00196	-.00366	.09574	.08706
4.500	.058	.48202	.07550	.42856	.23318	-.02033	-.01892	-.00196	-.00365	.09050	.08604
4.500	5.276	.48588	.07637	.43192	.23528	-.02459	-.01879	-.00196	-.00368	.08836	.08591
4.500	10.318	.49097	.07810	.43614	.23860	-.03057	-.01908	-.00195	-.00374	.08778	.08222
4.500	15.248	.49780	.08098	.44162	.24358	-.03866	-.01883	-.00191	-.00371	.08992	.08435
	GRADIENT	.00062	.00011	.00055	.00031	-.00069	-.00000	-.00000	.00000	-.00106	.00020

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(17A259) (24 JUN 80)

LA131, MODEL 105-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 596/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-10.072	.54911	.07361	.48321	.27102	-.01681	-.01761	-.00261	-.00353	.09672	.08182
4.500	-4.887	.55087	.07372	.48481	.27175	-.01947	-.01776	-.00261	-.00360	.09361	.08493
4.500	.950	.55519	.07421	.48865	.27380	-.02311	-.01763	-.00263	-.00359	.09050	.08804
4.500	5.276	.55860	.07525	.49145	.27599	-.02826	-.01765	-.00261	-.00361	.08680	.08747
4.500	10.330	.56462	.07724	.49632	.28004	-.03474	-.01754	-.00259	-.00357	.08680	.08747
4.500	15.257	.57210	.08081	.50199	.28607	-.04417	-.01756	-.00258	-.00364	.08778	.08222
	GRADIENT	.00087	.00010	.00078	.00042	-.00074	.00003	-.00000	.00000	-.00063	.00063

PARAMETRIC DATA

ALPHA = 22.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A260) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 583/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.087	.33661	.07849	.30300	.16631	-.00809	-.02203	-.00052	-.00715	-9.54530	-9.54150
4.500	-14.929	.33819	.07803	.30465	.16629	-.00940	-.02206	-.00041	-.00657	-7.46810	-7.46130
4.500	-9.951	.34071	.07780	.30713	.16675	-.01124	-.02184	-.00036	-.00572	-4.97720	-4.97340
4.500	-4.879	.34369	.07764	.31004	.16740	-.01348	-.02164	-.00044	-.00479	-2.44160	-2.443780
4.500	.208	.34815	.07800	.31424	.16895	-.01650	-.02135	-.00069	-.00356	.10233	.10610
4.500	5.390	.35318	.07884	.31885	.17111	-.02084	-.02112	-.00111	-.00175	2.68720	2.70240
4.500	10.846	.36165	.08099	.32644	.17547	-.02073	-.02073	-.00198	.00067	5.41300	5.43330
4.500	15.786	.37102	.08455	.33450	.18143	-.03471	-.02002	-.00338	.00354	7.88780	7.89780
	GRADIENT	.00088	.00007	.00083	.00030	-.00059	.00006	-.00005	.00024	.50000	.50000

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A261) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 582/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CFIL	ELEVON	AILRON
4.500	-19.087	.40179	.07701	.35949	.19527	-.00878	-.02136	-.00090	-.00767	-9.54530	-9.54150
4.500	-14.933	.40379	.07662	.36152	.19551	-.01010	-.02112	-.00083	-.00701	-7.46850	-7.46470
4.500	-9.954	.40632	.07620	.36406	.19588	-.01195	-.02104	-.00080	-.00616	-4.97910	-4.97540
4.500	-4.884	.40980	.07611	.36739	.19685	-.01446	-.02059	-.00092	-.00505	-2.44380	-2.44000
4.500	.217	.41521	.07653	.37242	.19890	-.01799	-.02045	-.00120	-.00368	-.10660	-.11037
4.500	5.394	.42118	.07761	.37778	.20175	-.02297	-.01997	-.00168	-.00167	2.68920	2.70440
4.500	10.820	.42964	.08000	.38512	.20659	-.03004	-.01962	-.00265	-.00100	5.40640	5.41320
4.500	15.786	.44060	.08410	.39431	.21383	-.03829	-.01883	-.00427	-.00416	7.88780	7.89780
	GRADIENT	.00106	.00008	.00099	.00040	-.00069	.00003	-.00006	.00027	.50000	.50000

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A262) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 581/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBLL	ELEVON	AILRON
4.500	-19.087	.46884	.07568	.41614	.22884	-.00967	-.01991	-.00158	-.00802	-9.54680	-9.53990
4.500	-14.929	.47084	.07529	.41816	.22915	-.01099	-.01995	-.00149	-.00738	-7.46810	-7.46130
4.500	-9.943	.47379	.07494	.42105	.22981	-.01309	-.01987	-.00146	-.00642	-4.97630	-4.96630
4.500	-4.884	.47836	.07495	.42534	.23136	-.01587	-.01930	-.00166	-.00520	-2.44530	-2.43840
4.500	.213	.48291	.07546	.42946	.23337	-.01981	-.01919	-.00198	-.00366	-.10135	-.11135
4.500	5.390	.49031	.07678	.43599	.23709	-.02556	-.01888	-.00254	-.00141	2.68720	2.70240
4.500	10.823	.50027	.07940	.44449	.24291	-.03329	-.01815	-.00362	-.00160	5.40410	5.41930
4.500	15.786	.51166	.08382	.45373	.25090	-.04259	-.01741	-.00541	-.00500	7.88780	7.89780
	GRADIENT	.00089	.00010	.00081	.00039	-.00077	.00002	-.00006	.00030	.49969	.50030

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A263) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 22.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 580/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-19.083	.54100	.07445	.47543	.26869	-.01138	-.01885	-.00210	-.00836	-9.54180	-9.54120
4.500	-14.926	.54311	.07398	.47756	.26904	-.01271	-.01876	-.00207	-.00767	-7.46630	-7.45940
4.500	-9.947	.54612	.07362	.48049	.26981	-.01534	-.01842	-.00207	-.00664	-4.97520	-4.97140
4.500	-4.879	.55010	.07360	.48420	.27126	-.01838	-.01814	-.00227	-.00533	-2.44310	-2.43620
4.500	.217	.55598	.07396	.48953	.27377	-.02273	-.01763	-.00265	-.00356	.10504	.11193
4.500	5.394	.56397	.07554	.49637	.27818	-.02900	-.01736	-.00328	-.00108	2.68920	2.70440
4.500	10.827	.57404	.07860	.50460	.28475	-.03753	-.01696	-.00455	.00215	5.40860	5.41860
4.500	15.790	.58686	.08345	.51473	.29397	-.04746	-.01584	-.00644	.00584	7.89140	7.89830
	GRADIENT	.00115	.00007	.00105	.00049	-.00085	.00010	-.00008	.00035	.49999	.49999

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A264) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 584/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.056	.33609	.07793	.30264	.16565	-.00787	-.02090	-.00093	-.00011	-7.43450	7.62160
4.500	-9.944	.33933	.07750	.30587	.16611	-.01009	-.02112	-.00098	-.00105	-4.88060	5.06340
4.500	-4.814	.34203	.07753	.30847	.16687	-.01240	-.02120	-.00092	-.00199	-2.31760	2.49610
4.500	.046	.34771	.07799	.31381	.16884	-.01650	-.02135	-.00069	-.00356	.11229	.06625
4.500	4.701	.35370	.07888	.31933	.17132	-.02104	-.02104	-.00021	-.00529	2.44000	-2.26150
4.500	9.172	.36132	.08105	.32609	.17547	-.02693	-.02233	-.00064	-.00743	4.67320	-4.49890
4.500	14.871	.37242	.08584	.33549	.18307	-.03638	-.02329	-.00234	-.01074	7.52070	-7.35070
	GRADIENT	.00123	.00014	.00114	.00047	-.00091	-.00004	.00007	-.00035	.50000	-.50000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 585/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.067	.40015	.07637	.35820	.19403	-.00828	-.01976	-.00151	.00011	-7.44860	7.61860
4.500	-9.944	.40330	.07603	.36131	.19465	-.01075	-.01984	-.00152	-.00088	-4.88700	5.05700
4.500	-4.802	.40695	.07606	.36477	.19579	-.01343	-.02018	-.00146	-.00195	-2.31600	2.48600
4.500	.046	.41299	.07661	.37036	.19815	-.01788	-.02045	-.00117	-.00373	.11016	.06411
4.500	4.693	.41977	.07777	.37647	.20131	-.02314	-.02068	-.00063	-.00562	2.43340	-2.25920
4.500	9.163	.42818	.08020	.38375	.20618	-.02974	-.02124	-.00031	-.00801	4.66640	-4.48640
4.500	14.853	.44045	.08541	.39386	.21486	-.04012	-.02216	-.00220	-.01158	7.51380	-7.33950
	GRADIENT	.00135	.00018	.00123	.00058	-.00102	-.00005	.00009	-.00039	.50022	-.49978

PARAMETRIC DATA

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 586/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 586/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.067	.46794	.07525	.41536	.22826	-.00925	-.01798	-.00238	.00055	-7.45060	7.61660
4.500	-9.949	.47198	.07489	.41929	.22929	-.01182	-.01833	-.00237	-.00048	-4.89150	5.05750
4.500	-4.810	.47611	.07493	.42316	.23072	-.01475	-.01839	-.00229	-.00164	-2.31990	2.48990
4.500	.040	.48290	.07546	.42938	.23350	-.01980	-.01877	-.00196	-.00364	.10491	.06509
4.500	4.698	.49001	.07689	.43559	.23724	-.02577	-.01938	-.00135	-.00585	2.43430	-2.26430
4.500	9.181	.49924	.07950	.44341	.24280	-.03296	-.01964	-.00028	-.00839	4.67560	-4.50560
4.500	14.853	.51280	.08525	.45425	.25277	-.04428	-.02079	-.00180	-.01220	7.50970	-7.34370
	GRADIENT	.00146	.00021	.00131	.00068	-.00116	-.00010	.00010	-.00044	.50001	-.50001

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

DATE 25 JUN 80

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LAI31.MODEL 105-0. SILTS ON. SB CAVITY OPEN

(17A267) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 22.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 587/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-15.060	.53896	.07374	.47377	.26731	-.01085	-.01690	-.00315	.00109	-7.44690	7.61290
4.500	-9.949	.54284	.07346	.47748	.26848	-.01366	-.01696	-.00310	-.00004	-4.89150	5.05750
4.500	-4.817	.54692	.07353	.48125	.27006	-.01706	-.01726	-.00298	-.00140	-2.32380	2.49380
4.500	.040	.55498	.07423	.48849	.27367	-.02284	-.01763	-.00263	-.00356	.10491	.06509
4.500	4.696	.56209	.07587	.49449	.27781	-.02904	-.01808	-.00198	-.00596	2.43080	-2.26480
4.500	9.163	.57166	.07884	.50230	.28410	-.03706	-.01900	-.00079	-.00879	4.66440	-4.49850
4.500	14.858	.58734	.08524	.51453	.29581	-.04890	-.01980	.00151	-.01297	7.51610	-7.34180
	GRADIENT	.00160	.00024	.00139	.00081	-.00126	-.00009	.00010	-.00048	.49980	-.50021

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A268) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 601 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.465	-1.1682	.14326	-1.1055	.14815	.02377	-.00436	.00097	-.00032	.00647	-.01467
2.500	-.481	-.05673	.13959	-.05556	.14006	.01945	-.00398	.00083	-.00033	.00803	-.01622
2.500	1.559	.00542	.13731	.00168	.13741	.01494	-.00398	.00098	-.00047	.00500	-.01825
2.500	3.583	.06488	.13471	.05633	.13850	.01086	-.00312	.00084	-.00039	.00444	-.01669
2.500	4.604	.09595	.13290	.08498	.14018	.00852	-.00358	.00071	-.00042	.00353	-.02183
2.500	5.561	.12588	.13121	.11258	.14279	.00641	-.00300	.00080	-.00044	.00600	-.01825
2.500	7.602	.18968	.12814	.17106	.15211	.00372	-.00288	.00081	-.00043	.00242	-.01872
2.500	9.635	.25782	.12512	.23324	.16651	.00140	-.00295	.00080	-.00040	.00500	-.01825
2.500	11.609	.32668	.12243	.29536	.18566	-.00191	-.00238	.00087	-.00043	.00069	-.01560
2.500	12.555	.35926	.12109	.32434	.19629	-.00311	-.00273	.00088	-.00022	.00225	-.01404
2.500	13.618	.39986	.11947	.36049	.21025	-.00528	-.00235	.00091	-.00037	.00059	-.01560
2.500	14.629	.43616	.11770	.39230	.22404	-.00722	-.00244	.00091	-.00042	.00059	-.01560
2.500	15.556	.47087	.11626	.42244	.23828	-.00904	-.00240	.00089	-.00041	.00428	-.01607
2.500	16.633	.51098	.11479	.45674	.25626	-.01060	-.00258	.00087	-.00032	.00474	-.01965
2.500	17.549	.54372	.11352	.48419	.27218	-.01222	-.00191	.00089	-.00030	.00319	-.02121
2.500	19.613	.62139	.10985	.54847	.31206	-.01601	-.00214	.00077	-.00016	.00521	-.02323
2.500	23.623	.78257	.10212	.67607	.40715	-.02681	-.00099	.00045	.00002	.01611	-.01234
2.500	24.614	.82239	.09918	.70635	.43270	-.03056	-.00088	.00040	.00005	.01300	-.01545
2.500	27.616	.94919	.09223	.79830	.52171	-.03964	-.00014	.00036	.00009	.01346	-.01903
2.500	31.630	1.12260	.07754	.91517	.65475	-.05058	-.00056	.00095	.00005	.01813	-.01436
2.500	GRADIENT	.03006	-.00140	.02763	-.00103	-.00215	.00013	-.00003	-.00001	-.00031	-.00076

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A268) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 608/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.380	-.10926	.11906	-.10422	.12349	-.00014	-.00112	.00078	-.00008	.01363	-.01373
3.500	-1.359	-.06372	.11436	-.06301	.11475	.00052	-.00110	.00081	-.00009	.01675	-.01684
3.500	1.646	-.01570	.11156	-.01889	.11106	.00138	-.00087	.00080	-.00012	.01877	-.01482
3.500	3.653	.03185	.10856	.02487	.11036	.00217	-.00075	.00070	-.00006	.02080	-.01279
3.500	4.655	.05682	.10678	.04797	.11104	.00248	-.00084	.00066	-.00011	.01721	-.01326
3.500	5.658	.08423	.10474	.07349	.11253	.00202	-.00072	.00064	-.00010	.02080	-.01279
3.500	7.654	.13947	.10265	.12456	.12032	.00189	-.00067	.00065	-.00011	.01519	-.01528
3.500	9.655	.19707	.10059	.17741	.13221	.00138	-.00111	.00076	-.00016	.01924	-.01123
3.500	11.632	.25564	.09890	.23045	.14841	.00075	-.00111	.00077	-.00014	.01721	-.01326
3.500	12.641	.28647	.09802	.25808	.15834	.00006	-.00074	.00079	-.00012	.01566	-.01170
3.500	13.642	.31839	.09694	.28654	.16930	-.00063	-.00069	.00080	-.00005	.01410	-.01015
3.500	14.656	.35059	.09594	.31490	.18152	-.00170	-.00075	.00076	-.00003	.01099	-.00703
3.500	15.648	.38393	.09455	.34420	.19460	-.00288	-.00055	.00073	-.00004	.01208	-.01217
3.500	16.642	.41610	.09333	.37194	.20859	-.00417	-.00055	.00075	-.00004	.01005	-.01420
3.500	17.645	.45144	.09204	.40230	.22455	-.00563	-.00060	.00070	-.00001	.01052	-.01062
3.500	19.643	.52145	.08928	.46109	.25937	-.00949	-.00040	.00063	.00011	.00694	-.01108
3.500	23.664	.67324	.08482	.58239	.34791	-.01496	-.00031	.00055	.00019	.00538	-.00953
3.500	24.648	.71246	.08437	.61236	.37381	-.01630	-.00005	.00061	.00027	.00694	-.01108
3.500	27.662	.83809	.08126	.70457	.46107	-.02089	.00038	.00039	.00032	.00491	-.01311
3.500	31.662	1.02010	.07560	.82857	.59980	-.03078	.00040	.00066	.00037	.00133	-.01358
3.500	GRADIENT	.02363	-.00168	.02166	-.00169	.00038	.00005	-.00002	-.00000	.00069	.00027

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A268) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = -11.700
 SPDRBK = 70.000 RUDDER = .000

RUN NO. 614/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.331	-1.0508	.10774	-1.0061	.11193	-.00771	-.00051	.00073	-.00008	.01316	-.01731
4.500	-.368	-.06546	.10243	-.06480	.10285	-.00712	-.00079	.00069	-.00013	.01316	-.01731
4.500	1.616	-.02294	.09791	-.02568	.09723	-.00634	-.00053	.00057	-.00011	.01316	-.01731
4.500	3.668	.02083	.09424	.01476	.09538	-.00487	-.00039	.00053	-.00006	.01316	-.01731
4.500	4.640	.04267	.09201	.03508	.09516	-.00443	-.00038	.00054	-.00006	.01161	-.01575
4.500	5.651	.06635	.09010	.05716	.09619	-.00446	-.00024	.00051	-.00004	.00958	-.01778
4.500	7.673	.11710	.08819	.10427	.10304	-.00400	-.00020	.00054	-.00005	.01161	-.01575
4.500	9.628	.16727	.08648	.15045	.11323	-.00371	-.00031	.00054	-.00004	.00958	-.01778
4.500	11.657	.22223	.08467	.20054	.12783	-.00457	-.00034	.00056	-.00001	.01114	-.01934
4.500	12.627	.24964	.08355	.22534	.13610	-.00445	-.00042	.00061	-.00000	.01161	-.01575
4.500	13.613	.27934	.08268	.25203	.14611	-.00467	-.00036	.00066	-.00001	.01114	-.01934
4.500	14.643	.31033	.08171	.27960	.15750	-.00528	-.00032	.00056	-.00006	.00600	-.01825
4.500	15.641	.34200	.08068	.30759	.16990	-.00578	-.00000	.00049	-.00014	.01114	-.01934
4.500	16.621	.37340	.07961	.33503	.18309	-.00640	.00005	.00045	.00021	.00958	-.01778
4.500	17.619	.40582	.07861	.36297	.19783	-.00703	.00038	.00040	.00024	.01114	-.01934
4.500	19.618	.47487	.07706	.42143	.23203	-.00876	.00061	.00027	.00033	.01270	-.02089
4.500	23.639	.62469	.07403	.54258	.31830	-.01399	.00086	.00028	.00045	.00756	-.01980
4.500	24.595	.66095	.07376	.57028	.34216	-.01526	.00104	.00035	.00047	.00756	-.01980
4.500	27.663	.78594	.07258	.66241	.42917	-.02062	.00077	.00038	.00056	.00600	-.01825
4.500	31.628	.95903	.06916	.78032	.56181	-.03051	.00119	.00019	.00073	.00242	-.01872
4.500	GRADIENT	.02121	-.00221	.01949	-.00234	.00049	.00004	-.00003	.00001	-.00015	.00015

LA131 MODEL 106-0, SILTS ON, SB CAVITY OPEN (17A269) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-L1 = -5.000 ELV-R1 = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 605/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.424	-.13072	.14382	-.12452	.14922	.03228	-.00342	.00104	.00005	-5.04290	.01477
2.500	-1.446	-.06959	.13993	-.06850	.14047	.02770	-.00370	.00104	.00002	-5.03900	.01090
2.500	1.548	-.00768	.13711	-.01138	.13685	.02342	-.00327	.00113	-.00008	-5.04290	.01477
2.500	3.626	.05390	.13397	.04532	.13111	.01905	-.00318	.00093	-.00012	-5.04530	.00846
2.500	4.525	.08127	.13201	.07061	.13801	.01702	-.00301	.00093	-.00013	-5.04480	.01671
2.500	5.568	.11361	.13023	.10043	.14064	.01456	-.00283	.00093	-.00007	-5.04920	.01233
2.500	7.533	.17611	.12693	.15795	.14892	.01212	-.00256	.00086	-.00011	-5.05110	.01427
2.500	9.627	.24554	.12330	.22147	.16263	.01030	-.00224	.00087	-.00018	-5.05720	.01595
2.500	11.581	.31370	.12068	.28309	.18120	.00804	-.00209	.00092	-.00018	-5.06520	.01958
2.500	12.542	.34744	.11904	.31330	.19165	.00663	-.00209	.00092	-.00008	-5.06550	.01545
2.500	13.549	.38577	.11745	.34558	.20410	.00505	-.00195	.00094	-.00007	-5.06300	.02176
2.500	14.556	.41984	.11567	.37730	.21748	.00353	-.00197	.00097	-.00009	-5.06740	.01739
2.500	15.552	.45630	.11388	.40905	.23205	.00207	-.00192	.00094	-.00008	-5.07510	.02513
2.500	16.567	.49278	.11241	.44027	.24825	.00061	-.00211	.00091	-.00001	-5.06930	.01932
2.500	17.552	.53029	.11082	.47219	.26558	-.00076	-.00166	.00093	-.00010	-5.06300	.02176
2.500	19.572	.60428	.10761	.53332	.30382	-.00364	-.00166	.00082	.00015	-5.06330	.01764
2.500	23.535	.76050	.09951	.65750	.39491	-.01261	-.00100	.00033	.00036	-5.07100	.02538
2.500	24.562	.80392	.09556	.69103	.42200	-.01619	-.00049	.00036	.00042	-5.07320	.02320
2.500	27.515	.92690	.08897	.78095	.50712	-.02359	-.00004	.00034	.00027	-5.07130	.02126
2.500	31.654	1.10500	.07411	.90171	.64297	-.03308	.00006	.00087	.00041	-5.06740	.01739
2.500	GRADIENT	.03048	-.00164	.02806	-.00150	-.00218	.00007	-.00002	-.00003	-.00056	-.00003

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A269) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = -11.700
 SPDRK = 70.000 RUDDER = .000

RUN NO. 609/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.436	-.11756	.11981	-.11237	.12470	.00518	-.00111	.00084	.00012	-5.04070	.01696
3.500	-.361	-.06959	.11469	-.06886	.11512	.00556	-.00109	.00084	.00002	-5.04260	.01889
3.500	1.681	-.02162	.11161	-.02489	.11092	.03604	-.00096	.00087	.00002	-5.04260	.01889
3.500	3.636	.02554	.10842	.01861	.10982	.00671	-.00063	.00074	.00006	-5.04070	.01696
3.500	4.723	.05300	.10656	.04405	.11056	.00714	-.00051	.00068	.00002	-5.03850	.01914
3.500	5.635	.07759	.10457	.06695	.11168	.00673	-.00061	.00064	.00000	-5.04480	.01671
3.500	7.658	.13246	.10234	.11765	.11908	.00727	-.00077	.00068	-.00002	-5.04430	.02495
3.500	9.627	.18843	.10028	.16901	.13038	.00742	-.00109	.00079	-.00007	-5.04210	.02714
3.500	11.702	.24943	.09830	.22431	.14684	.00748	-.00078	.00081	.00001	-5.04850	.02470
3.500	12.663	.27861	.09738	.25049	.15608	.00714	-.00073	.00080	.00005	-5.04460	.02083
3.500	13.610	.30749	.09628	.27620	.16594	.00670	-.00068	.00078	.00003	-5.05040	.02664
3.500	14.603	.33944	.09520	.30448	.17770	.00630	-.00063	.00079	.00006	-5.04650	.02277
3.500	15.648	.37336	.09378	.33423	.19101	.00542	-.00037	.00077	.00002	-5.05040	.02664
3.500	16.627	.40556	.09236	.36217	.20454	.00459	-.00053	.00075	.00013	-5.04850	.02470
3.500	17.598	.43751	.09110	.38949	.21912	.00367	-.00049	.00072	.00018	-5.04850	.02883
3.500	19.621	.50780	.08811	.44873	.25351	.00168	-.00038	.00069	.00019	-5.05670	.02420
3.500	23.628	.65637	.08314	.56802	.33824	-.00275	-.00002	.00057	.00043	-5.06060	.02807
3.500	24.636	.69595	.08246	.59822	.36507	-.00383	-.00004	.00053	.00045	-5.05430	.03051
3.500	27.680	.82116	.07882	.69057	.45126	-.00652	.00019	.00038	.00046	-5.06060	.02807
3.500	31.644	.99740	.07238	.81114	.58490	-.01446	.00074	.00071	.00063	-5.05860	.02614
3.500	GRADIENT	.02379	-.00180	.02182	-.00191	.00027	.00009	-.00002	-.00001	.00030	.00012

(17A269) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILLRON = .000 BOFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 615/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILLRON
4.500	-2.383	-1.1179	.10838	-.10719	.11294	-.00405	-.00064	.00077	.00001	-5.02860	.01359
4.500	-.342	-.06935	.10260	-.06873	.10301	-.00369	-.00078	.00075	-.00001	-5.03030	.01965
4.500	1.486	-.03024	.09822	-.03278	.09740	-.00351	-.00052	.00064	-.00003	-5.02450	.01384
4.500	3.665	.01543	.09421	.00938	.09501	-.00185	-.00052	.00057	-.00001	-5.02830	.01771
4.500	4.716	.03915	.09187	.03147	.09478	-.00112	-.00037	.00057	.00002	-5.03030	.01965
4.500	5.704	.06239	.08982	.05316	.09558	-.00079	-.00022	.00054	.00003	-5.03270	.01334
4.500	7.660	.11033	.08803	.09761	.10196	-.00013	-.00020	.00056	.00003	-5.03270	.01334
4.500	9.626	.16004	.08609	.14339	.11163	.00080	-.00058	.00056	.00002	-5.03050	.01552
4.500	11.664	.21504	.08417	.19358	.12591	.00071	-.00033	.00060	.00006	-5.03050	.01552
4.500	12.654	.24241	.08331	.21827	.13439	.00097	-.00041	.00061	.00009	-5.03460	.01527
4.500	13.671	.27207	.08199	.24499	.14397	.00097	-.00048	.00067	.00008	-5.03270	.01334
4.500	14.617	.30090	.08108	.27070	.15439	.00123	-.00016	.00061	.00017	-5.03050	.01552
4.500	15.589	.33086	.08007	.29718	.16604	.00097	-.00002	.00055	.00025	-5.03050	.01552
4.500	16.590	.36298	.07884	.32536	.17920	.00085	.00034	.00047	.00033	-5.03270	.01334
4.500	17.625	.39595	.07783	.35379	.19406	.00062	.00025	.00040	.00034	-5.03050	.01552
4.500	19.599	.46210	.07599	.40984	.22659	-.00014	.00025	.00025	.00049	-5.03460	.01527
4.500	23.639	.60955	.07255	.52932	.31087	-.00334	.00062	.00025	.00060	-5.03510	.00702
4.500	24.629	.64610	.07220	.55723	.33489	-.00411	.00092	.00031	.00061	-5.03710	.00896
4.500	27.611	.76487	.07072	.64499	.41715	-.00751	.00064	.00040	.00078	-5.03680	.01308
4.500	31.667	.93918	.06670	.76433	.54983	-.01483	.00122	.00028	.00102	-5.04260	.01889
4.500	GRADIENT	.02122	-.00228	.01950	-.00248	.00042	.00004	-.00003	.00000	-.00005	.00055

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A270) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 ELV-L1 =
 ELV-RO =
 AILRON =
 SPDRK =

ELV-LO = 5.000
 ELV-R1 = 5.000
 ELEVON = 5.000
 BDFLAP = -11.700
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 603/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CLM	CM	CLM	CD	CLM	CM	CYN	CBL	ELEVON	AILRON
2.500	-2.450	-1.0474	.14383	-.09850	.01385	-.00379	.00091	.14818	.01385	-.00379	.00091	-.00009	5.03100	-.02827
2.500	-.909	-.05713	.14153	-.05488	.01040	-.00340	.00073	.14242	.01040	-.00340	.00073	-.00017	5.02900	-.03028
2.500	-.414	-.04331	.14052	-.04230	.00936	-.00338	.00079	.14083	.00936	-.00338	.00079	-.00017	5.02750	-.02880
2.500	1.573	.01610	.13837	.01229	.00519	-.00347	.00096	.13876	.00519	-.00347	.00096	-.00033	5.03300	-.02625
2.500	3.591	.07634	.13615	.06766	.00156	-.00293	.00077	.14066	.00156	-.00293	.00077	-.00020	5.02950	-.02679
2.500	4.583	.10671	.13414	.09565	-.00077	-.00298	.00079	.14224	-.00077	-.00298	.00079	-.00027	5.03010	-.02329
2.500	5.617	.13805	.13242	.12443	-.00293	-.00295	.00081	.14529	-.00293	-.00295	.00081	-.00024	5.02800	-.02531
2.500	7.557	.20048	.12965	.18169	-.00661	-.00237	.00076	.15489	-.00661	-.00237	.00076	-.00027	5.02710	-.02034
2.500	9.557	.26905	.12675	.24427	-.00984	-.00237	.00076	.16966	-.00984	-.00237	.00076	-.00027	5.02710	-.02034
2.500	11.616	.34284	.12416	.31082	-.01386	-.00234	.00084	.19065	-.01386	-.00234	.00084	-.00023	5.02710	-.02034
2.500	12.567	.37504	.12317	.33926	-.01541	-.00292	.00087	.20182	-.01541	-.00292	.00087	-.00009	5.02360	-.02087
2.500	13.544	.41329	.12183	.37327	-.01778	-.00209	.00081	.21523	-.01778	-.00209	.00081	-.00021	5.02360	-.02087
2.500	14.551	.45032	.12051	.40560	-.02013	-.00235	.00087	.22979	-.02013	-.00235	.00087	-.00013	5.02410	-.01738
2.500	15.540	.48707	.11913	.43735	-.02243	-.00246	.00080	.24527	-.02243	-.00246	.00080	-.00024	5.02270	-.01590
2.500	16.563	.52507	.11793	.46967	-.02446	-.00214	.00078	.26272	-.02446	-.00214	.00078	-.00024	5.01660	-.02195
2.500	17.559	.56295	.11652	.50156	-.02559	-.00167	.00075	.28093	-.02559	-.00167	.00075	-.00012	5.01960	-.02490
2.500	19.571	.63984	.11337	.56490	-.03118	-.00167	.00069	.32115	-.03118	-.00167	.00069	-.00004	5.01860	-.01993
2.500	22.635	.76278	.10800	.66246	-.04034	-.00134	.00033	.39324	-.04034	-.00134	.00033	-.00018	5.01720	-.01845
2.500	23.554	.80204	.10631	.69274	-.04347	-.00100	.00033	.41796	-.04347	-.00100	.00033	-.00024	5.01660	-.02195
2.500	24.598	.84487	.10352	.72511	-.04843	-.00107	.00016	.44581	-.04843	-.00107	.00016	-.00033	5.01370	-.01899
2.500	27.549	.97297	.09707	.81775	-.06013	-.00045	.00011	.53607	-.06013	-.00045	.00011	-.00021	5.01610	-.02544
2.500	31.578	1.14870	.08181	.93574	-.07162	-.00030	.00066	.67119	-.07162	-.00030	.00066	-.00028	5.00410	-.02557
2.500	GRADIENT	.02995	-.00130	.02750	-.00204	.00011	-.00001	-.00067	-.00204	.00011	-.00001	-.00002	.00007	.00073

LA131.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A270) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 ELV-LI = 5.000
 ELV-RO = 5.000
 AILRON = .000
 SPOBRK = 70.000

ELV-LO = 5.000
 ELV-R1 = 5.000
 ELEVON = 5.000
 BDFLAP = -11.700
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 618/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.384	-1.0386	.10632	-.09928	.11225	-.01063	-.00066	.00071	-.00010	5.03650	-.02571
4.500	-.394	-.06331	.10275	-.06260	.10318	-.01015	-.00067	.00066	-.00008	5.03800	-.02719
4.500	1.637	-.02086	.09815	-.02366	.09751	-.00975	-.00069	.00053	-.00007	5.03500	-.02423
4.500	3.608	.02288	.09484	.01687	.09609	-.00867	-.00055	.00049	-.00000	5.03650	-.02571
4.500	4.633	.04561	.09296	.03796	.09634	-.00844	-.00040	.00052	.00001	5.03450	-.02773
4.500	5.710	.07158	.09073	.06220	.09740	-.00897	-.00026	.00045	.00002	5.03450	-.02773
4.500	7.652	.12131	.08915	.10836	.10450	-.00942	-.00038	.00049	.00005	5.03300	-.02625
4.500	9.711	.17506	.08762	.15777	.11589	-.00981	-.00034	.00050	.00006	5.03350	-.02276
4.500	11.646	.22866	.08590	.20661	.13029	-.01108	-.00050	.00060	.00008	5.03500	-.02423
4.500	12.637	.25780	.08516	.23292	.13950	-.01182	-.00032	.00055	.00010	5.03500	-.02423
4.500	13.615	.28696	.08431	.25905	.14949	-.01270	-.00041	.00054	.00016	5.02860	-.02182
4.500	14.608	.31846	.08355	.28709	.16116	-.01382	-.00023	.00048	.00023	5.03060	-.01980
4.500	15.609	.35045	.08274	.31527	.17398	-.01493	-.00019	.00042	.00030	5.02710	-.02034
4.500	16.638	.38426	.08179	.34475	.18838	-.01603	-.00014	.00037	.00035	5.02710	-.02034
4.500	17.658	.41838	.08097	.37411	.20406	-.01752	.00005	.00029	.00038	5.02710	-.02034
4.500	19.671	.48870	.07977	.43333	.23962	-.02062	.00055	.00016	.00055	5.02560	-.01886
4.500	23.632	.63902	.07743	.55439	.32710	-.02811	.00078	.00015	.00062	5.02710	-.02034
4.500	24.680	.68077	.07749	.58623	.35467	-.03035	.00081	.00008	.00068	5.02710	-.02034
4.500	27.647	.80337	.07707	.67588	.44105	-.03746	.00055	.00029	.00073	5.02410	-.01738
4.500	31.667	.98286	.07490	.79721	.57973	-.04952	.00097	.00009	.00087	5.01620	-.01348
4.500	GRADIENT	.02133	-.00212	.01959	-.00222	.00032	.00003	-.00003	.00002	-.00029	-.00011

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 602/ 0 RM/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.419	-.11244	.14307	-.10630	.14769	.01982	-.00422	.00096	-.00032	.00086	-.01716
2.500	-.458	-.05238	.13952	-.05126	.13993	.01544	-.00382	.00081	-.00036	.00086	-.01716
2.500	1.592	.00952	.13706	.00570	.13728	.01061	-.00346	.00094	-.00039	-.00069	-.01560
2.500	3.635	.07057	.13422	.06191	.13842	.00612	-.00314	.00083	-.00035	-.00069	-.01560
2.500	4.611	.09998	.13180	.08905	.13942	.00374	-.00320	.00079	-.00032	-.00272	-.01763
2.500	5.611	.13101	.12986	.11769	.14205	.00149	-.00316	.00087	-.00043	.00086	-.01716
2.500	7.665	.19692	.12719	.17820	.15232	-.00181	-.00282	.00079	-.00039	-.00272	-.01763
2.500	9.615	.26343	.12520	.23882	.16744	-.00512	-.00244	.00079	-.00037	-.00739	-.01296
2.500	11.570	.33146	.12281	.30010	.18679	-.00855	-.00256	.00089	-.00031	-.00786	-.01654
2.500	12.553	.36757	.12138	.33240	.19837	-.01071	-.00227	.00088	-.00040	-.00583	-.01451
2.500	13.645	.40825	.11990	.36844	.21283	-.01318	-.00253	.00086	-.00037	-.00583	-.01451
2.500	14.566	.44158	.11833	.39763	.22559	-.01505	-.00239	.00096	-.00035	-.00583	-.01451
2.500	15.569	.47946	.11675	.43053	.24116	-.01749	-.00235	.00089	-.00038	-.00895	-.01140
2.500	16.634	.51896	.11550	.46418	.25923	-.01961	-.00191	.00092	-.00028	-.00895	-.01545
2.500	17.606	.55401	.11407	.49356	.27630	-.02137	-.00242	.00083	-.00023	-.01408	-.01031
2.500	19.751	.63711	.11032	.56234	.31913	-.02658	-.00176	.00084	-.00019	-.01611	-.01234
2.500	23.625	.79226	.10352	.68437	.41235	-.03871	-.00112	.00038	-.00007	-.02901	-.00349
2.500	24.596	.83296	.10092	.71537	.43846	-.04297	-.00119	.00024	-.00020	-.02439	-.00405
2.500	27.652	.96497	.09391	.81117	.53103	-.05450	-.00014	.00040	-.00003	-.02181	-.00664
2.500	31.704	1.14260	.07810	.93108	.66693	-.06783	-.00056	.00079	-.00005	-.02327	-.01327
2.500	GRADIENT	.03018	-.00152	.02776	-.00105	-.00228	.00015	-.00002	-.00000	-.00046	.00007

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A271) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 619/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CEIL	ELEVON	AILRON
2.960	-2.277	-1.0859	.13142	-1.10328	.13563	.00763	-.00222	.00089	-.00008	-.00879	-.02370
2.960	-.277	-.05616	.12718	-.05554	.12745	.00651	-.00200	.00072	-.00008	-.00926	-.02728
2.960	1.846	.00082	.12446	-.00318	.12442	.00493	-.00184	.00075	-.00016	-.00879	-.02370
2.960	3.778	.05270	.12139	-.04459	.12460	.00344	-.00176	.00068	-.00021	-.01082	-.02573
2.960	4.780	.08087	.11921	.07066	.12554	.00227	-.00165	.00058	-.00012	-.00568	-.02681
2.960	5.766	.10939	.11720	.09707	.12760	.00087	-.00152	.00053	-.00014	-.00926	-.02728
2.960	7.829	.17267	.11399	.15553	.13645	-.00098	-.00160	.00046	-.00019	-.00677	-.02168
2.960	9.809	.23564	.11163	.21318	.15015	-.00391	-.00127	.00051	-.00008	-.00428	-.01607
2.960	11.795	.29993	.10958	.27120	.16858	-.00753	-.00140	.00053	-.00004	-.00225	-.01404
2.960	12.755	.33234	.10846	.30019	.17916	-.00939	-.00155	.00054	-.00005	.00133	-.01358
2.960	13.790	.36782	.10737	.33163	.19195	-.01146	-.00127	.00053	.00004	.00133	-.01358
2.960	14.743	.40025	.10617	.36005	.20454	-.01351	-.00160	.00051	.00007	-.00428	-.01607
2.960	15.821	.43944	.10470	.39425	.22053	-.01587	-.00131	.00054	.00008	-.00225	-.01404
2.960	16.819	.47478	.10323	.42460	.23619	-.01837	-.00136	.00051	.00010	-.00739	-.01296
2.960	17.842	.51112	.10180	.45535	.25351	-.02060	-.00131	.00053	.00014	-.00428	-.01607
2.960	19.843	.58599	.09916	.51754	.29218	-.02547	-.00139	.00051	.00020	-.00474	-.01965
2.960	23.803	.74254	.09242	.64207	.38424	-.03620	-.00054	.00033	.00037	-.00116	-.01918
2.960	24.772	.78172	.09139	.67149	.41053	-.03942	-.00063	.00023	.00042	-.00116	-.01918
2.960	27.860	.91116	.08624	.76525	.50205	-.05032	-.00017	.00004	.00057	-.01238	-.02417
2.960	31.771	1.08400	.07847	.88024	.63745	-.06467	.00042	.00000	.00079	-.02203	-.03071
2.960	GRADIENT	.02682	-.00166	.02463	-.00134	-.00075	.00008	-.00004	-.00001	.00019	-.00023

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A271) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELY-LO = .000
 ELY-LI = .000 ELY-RI = .000
 ELY-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 620/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.000	-2.220	-1.10667	.13025	-.10154	.13429	.00633	-.00259	.00094	-.00014	.00055	-.03304
3.000	-1.196	-.05349	.12599	-.05306	.12618	.00554	-.00192	.00080	-.00016	.00413	-.03257
3.000	1.848	.00043	.12340	-.00355	.12335	.00413	-.00230	.00076	-.00025	.00210	-.03460
3.000	3.892	.05484	.12003	.04656	.12347	.00330	-.00204	.00073	-.00021	.00413	-.03257
3.000	4.805	.07984	.11796	.06968	.12423	.00216	-.00192	.00065	-.00019	.00055	-.03304
3.000	5.825	.10971	.11623	.09735	.12676	.00101	-.00145	.00058	-.00017	.00366	-.03615
3.000	7.876	.17124	.11271	.15418	.13511	-.00088	-.00179	.00055	-.00023	.00055	-.03304
3.000	9.871	.23485	.11050	.21244	.14912	-.00393	-.00155	.00056	-.00009	.00055	-.03304
3.000	11.900	.29919	.10835	.27042	.16771	-.00785	-.00168	.00056	-.00009	.00459	-.03195
3.000	12.794	.32971	.10758	.29770	.17792	-.00960	-.00158	.00056	-.00004	-.00101	-.03149
3.000	13.834	.36523	.10630	.32922	.19055	-.01155	-.00156	.00056	-.00001	-.00054	-.02790
3.000	14.848	.39942	.10522	.35912	.20406	-.01357	-.00180	.00054	-.00001	-.00771	-.02884
3.000	15.880	.43616	.10366	.39116	.21904	-.01607	-.00169	.00053	.00005	-.01284	-.02775
3.000	16.878	.47139	.10232	.42137	.23478	-.01862	-.00156	.00051	.00008	-.01129	-.02931
3.000	17.902	.50891	.10072	.45331	.25228	-.02071	-.00142	.00053	.00012	-.00771	-.02884
3.000	19.865	.58181	.09815	.51384	.29001	-.02567	-.00142	.00051	.00018	-.01440	-.02619
3.000	23.865	.73959	.09154	.63933	.38293	-.03620	-.00056	.00036	.00038	-.01440	-.02619
3.000	24.879	.78050	.09037	.67005	.41034	-.03928	-.00038	.00029	.00046	-.01082	-.02573
3.000	27.894	.90782	.08577	.76223	.50052	-.04956	-.00008	.00012	.00057	-.01082	-.02573
3.000	31.897	1.08380	.07773	.87910	.63868	-.06463	.00067	-.00001	.00079	-.01954	-.02511
3.000	GRADIENT	.02652	-.00168	.02435	-.00132	-.00057	.00007	-.00004	-.00001	.00006	-.00000

LAI31 MODEL 106-0, SILTS ON, SB CAVITY OPEN

(7A271) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 6077 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.341	-.10637	.11907	-.10141	.12331	-.00181	-.00112	.00081	-.00008	-.02421	-.02044
3.500	-.327	-.06061	.11440	-.05995	.11474	-.00125	-.00089	.00084	-.00010	-.02468	-.02402
3.500	1.668	-.01410	.11159	-.01734	.11113	-.00059	-.00086	.00088	-.00012	-.02623	-.02246
3.500	3.656	.03341	.10858	.02642	.11049	-.00010	-.00075	.00073	-.00007	-.02779	-.02090
3.500	4.652	.05910	.10677	.05025	.11122	.00020	-.00063	.00069	-.00012	-.02623	-.02246
3.500	5.677	.08762	.10484	.07682	.11299	-.00053	-.00041	.00067	-.00008	-.02623	-.02246
3.500	7.664	.14238	.10276	.12741	.12083	-.00124	-.00058	.00068	-.00012	-.02982	-.02293
3.500	9.665	.19959	.10082	.17983	.13290	-.00212	-.00101	.00081	-.00018	-.03193	-.01676
3.500	11.644	.25953	.09931	.23415	.14964	-.00342	-.00071	.00078	-.00009	-.02982	-.02293
3.500	12.645	.29106	.09851	.26243	.15984	-.00438	-.00076	.00080	-.00009	-.03193	-.01676
3.500	13.665	.32325	.09754	.29106	.17115	-.00563	-.00056	.00080	-.00004	-.03396	-.01879
3.500	14.645	.35506	.09646	.31914	.18310	-.00690	-.00056	.00076	-.00004	-.03340	-.02340
3.500	15.653	.38907	.09520	.34896	.19665	-.00826	-.00051	.00074	-.00003	-.03028	-.02651
3.500	16.667	.42298	.09402	.37824	.21139	-.01010	-.00056	.00074	-.00001	-.02340	-.02340
3.500	17.642	.45639	.09282	.40679	.22677	-.01179	-.00042	.00069	.00006	-.02982	-.02293
3.500	19.663	.52814	.09015	.46701	.26261	-.01577	-.00043	.00059	.00009	-.03184	-.02495
3.500	23.651	.68020	.08590	.58860	.35156	-.02405	-.00014	.00051	.00024	-.03387	-.02698
3.500	24.664	.72237	.08541	.62083	.37906	-.02596	.00011	.00052	.00030	-.03542	-.02542
3.500	27.662	.84887	.08263	.71349	.46727	-.03196	.00023	.00037	.00033	-.04003	-.02486
3.500	31.680	1.03280	.07696	.83846	.60788	-.04525	.00079	.00078	.00038	-.04206	-.02689
3.500	GRADIENT	.02361	-.00170	.02164	-.00165	.00029	.00006	-.00002	-.00000	-.00043	-.00005

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-L1 = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 613/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.342	-.10370	.10804	-.09919	.11218	-.00895	-.00065	.00071	-.00008	-.00412	-.02837
4.500	-.304	-.06222	.10240	-.06167	.10273	-.00846	-.00093	.00069	-.00012	-.00257	-.02993
4.500	1.627	-.02069	.09798	-.02347	.09735	-.00785	-.00054	.00059	-.00008	-.00210	-.02635
4.500	3.597	.02072	.09450	.01475	.09561	-.00655	-.00054	.00051	-.00003	-.00412	-.02837
4.500	4.669	.04489	.09226	.03723	.09561	-.00618	-.00053	.00052	-.00004	-.00412	-.02837
4.500	5.607	.06760	.09042	.05844	.09659	-.00637	-.00038	.00049	-.00001	-.00412	-.02837
4.500	7.644	.11815	.08841	.10534	.10334	-.00641	-.00049	.00052	-.00001	-.00257	-.02993
4.500	9.653	.17104	.08664	.15409	.11409	-.00633	-.00060	.00052	-.00000	-.00054	-.02790
4.500	11.642	.22545	.08487	.20369	.12862	-.00757	-.00062	.00062	-.00000	-.00412	-.02837
4.500	12.641	.25411	.08383	.22960	.13741	-.00781	-.00056	.00064	-.00001	-.00412	-.02837
4.500	13.640	.28359	.08283	.25606	.14737	-.00868	-.00037	.00064	-.00004	-.00568	-.02681
4.500	14.602	.31448	.08216	.28361	.15879	-.00918	-.00020	.00056	-.00013	-.00257	-.02993
4.500	15.597	.34522	.08106	.31072	.17089	-.01033	-.00015	.00051	-.00015	-.00054	-.02790
4.500	16.609	.37872	.08003	.34004	.18494	-.01132	-.00003	.00045	-.00026	-.00054	-.02790
4.500	17.642	.41297	.07918	.36956	.20061	-.01256	-.00022	.00040	-.00026	-.00210	-.02635
4.500	19.596	.48050	.07766	.42662	.23432	-.01507	-.00059	.00027	-.00037	-.00351	-.02385
4.500	23.609	.63163	.07487	.54878	.32158	-.02207	-.00068	.00024	-.00053	.00958	-.01778
4.500	24.636	.67198	.07468	.57969	.34800	-.02406	-.00087	.00029	-.00052	.00647	-.01467
4.500	27.636	.79510	.07370	.67021	.43410	-.03109	-.00059	.00036	-.00062	.00491	-.01311
4.500	31.644	.97430	.07084	.79228	.57146	-.04293	-.00102	.00022	-.00077	.00133	-.01358
4.500	GRADIENT	.02118	-.00221	.01946	-.00231	.00041	-.00004	-.00003	.00001	-.00007	.00010

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A272) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-L1 = -5.000 ELV-R1 = -5.000
 ELV-R0 = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 606/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.454	-1.2637	.14364	-.12010	.14892	.02890	-.00366	.00100	-.00010	-5.06810	.00502
2.500	-1.408	-.06438	.13975	-.06338	.14021	.02403	-.00340	.00102	-.00006	-5.06810	.00502
2.500	1.593	-.00381	.13700	-.00762	.13684	.01961	-.00382	.00113	-.00012	-5.06600	.00720
2.500	3.592	.05694	.13396	.04844	.13726	.01489	-.00295	.00099	-.00013	-5.06810	.00502
2.500	4.607	.08901	.13155	.07815	.13827	.01217	-.00264	.00092	-.00007	-5.06600	.00720
2.500	5.559	.11658	.12962	.10347	.14030	.00993	-.00270	.00092	-.00008	-5.07010	.00695
2.500	7.566	.18236	.12509	.16430	.14801	.00718	-.00233	.00087	-.00019	-5.06810	.00502
2.500	9.587	.25006	.12231	.22620	.16225	.00481	-.00210	.00087	-.00026	-5.06790	.00914
2.500	11.558	.31978	.12046	.28916	.18210	.00153	-.00223	.00089	-.00025	-5.07390	.01083
2.500	12.541	.35361	.11899	.31933	.19294	-.00022	-.00234	.00091	-.00017	-5.07950	.02076
2.500	13.585	.39171	.11758	.35313	.20630	.00207	-.00229	.00090	-.00009	-5.07780	.01470
2.500	14.556	.42798	.11590	.38511	.21974	-.00408	-.00207	.00092	-.00015	-5.07180	.01301
2.500	15.543	.46428	.11442	.41664	.23464	-.00601	-.00179	.00095	-.00009	-5.07200	.00889
2.500	16.552	.50156	.11307	.44856	.25128	-.00782	-.00167	.00091	-.00009	-5.07370	.01495
2.500	17.537	.53754	.11158	.47894	.26837	-.00957	-.00169	.00085	-.00008	-5.07560	.01689
2.500	19.523	.61237	.10869	.54084	.30709	-.01354	-.00169	.00081	-.00007	-5.07760	.01882
2.500	23.538	.77190	.10107	.66731	.40093	-.02448	-.00062	.00049	.00029	-5.07930	.02488
2.500	24.530	.81358	.09830	.69934	.42719	-.02845	-.00075	.00039	.00030	-5.07560	.01689
2.500	27.623	.94500	.09037	.79538	.51822	-.03755	.00048	.00047	.00034	-5.07130	.02126
2.500	31.661	1.12190	.07783	.91406	.65511	-.04969	.00009	.00085	.00037	-5.07290	.02732
2.500	GRADIENT	.03045	-.00164	.02803	-.00141	-.00235	.00013	-.00001	-.00000	.00022	.00023

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 610/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.404	-.11459	.11976	-.10947	.12446	.00329	-.00091	.00078	.00007	-5.06010	.00139
3.500	-.374	-.06769	.11486	-.06694	.11530	.00357	-.00109	.00082	-.00001	-5.06400	.00527
3.500	1.625	-.02074	.11168	-.02390	.11105	.00403	-.00107	.00087	-.00002	-5.06210	.00333
3.500	3.698	.02923	.10830	.02218	.10996	.00454	-.00054	.00074	.00007	-5.06380	.00939
3.500	4.685	.05454	.10652	.04566	.11062	.00466	-.00052	.00069	-.00002	-5.06180	.00745
3.500	5.615	.07943	.10455	.06882	.11182	.00425	-.00071	.00065	-.00005	-5.06180	.00745
3.500	7.653	.13574	.10237	.12089	.11953	.00433	-.00077	.00067	-.00006	-5.06570	.01133
3.500	9.656	.19272	.10049	.17313	.13139	.00392	-.00090	.00079	-.00005	-5.06210	.00333
3.500	11.656	.25151	.09872	.22637	.14750	.00329	-.00080	.00078	.00000	-5.05990	.00552
3.500	12.616	.28112	.09784	.25296	.15688	.00287	-.00054	.00079	.00002	-5.06600	.00720
3.500	13.625	.31278	.09680	.28117	.16775	.00209	-.00059	.00080	.00004	-5.06790	.00720
3.500	14.631	.34495	.09562	.30961	.17965	.00111	-.00064	.00076	.00001	-5.06790	.00914
3.500	15.645	.38018	.09416	.34053	.19350	.00005	-.00038	.00077	.00007	-5.06600	.00720
3.500	16.645	.41141	.09296	.36755	.20691	-.00126	-.00034	.00075	.00010	-5.06570	.01133
3.500	17.635	.44466	.09180	.39596	.22220	-.00265	-.00040	.00070	.00013	-5.07010	.00695
3.500	19.672	.51609	.08880	.45607	.25735	-.00559	-.00019	.00066	.00021	-5.07390	.01083
3.500	23.616	.66431	.08407	.57499	.34315	-.01192	-.00000	.00057	.00037	-5.07780	.01470
3.500	24.657	.70510	.08356	.60595	.37010	-.01346	.00004	.00058	.00043	-5.07370	.01495
3.500	27.649	.83021	.08020	.69819	.45631	-.01790	.00047	.00044	.00054	-5.08170	.01857
3.500	31.687	1.01270	.07373	.82301	.59469	-.02838	.00070	.00068	.00062	-5.07150	.01714
3.500	GRADIENT	.02381	-.00181	.02184	-.00187	.00020	.00007	-.00001	-.00001	-.00021	.00092

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 616/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.409	-.11140	.10863	-.10674	.11321	-.00532	-.00050	.00077	.00002	-5.05770	.00770
4.500	-1.399	-.06992	.10302	-.06820	.10351	-.00496	-.00032	.00075	-.00005	-5.05990	.00552
4.500	1.659	-.02557	.09808	-.02840	.09730	-.00455	-.00067	.00062	-.00001	-5.05380	.00383
4.500	3.690	.01669	.09434	.01058	.09522	-.00322	-.00052	.00056	-.00004	-5.05770	.00770
4.500	4.646	.03903	.09231	.03142	.09517	-.00255	-.00037	.00057	-.00001	-5.05363	.00796
4.500	5.677	.06319	.09020	.05395	.09600	-.00189	-.00021	.00054	.00001	-5.05750	.01183
4.500	7.666	.11156	.08820	.09879	.10229	-.00157	-.00058	.00054	.00002	-5.05363	.00796
4.500	9.637	.16265	.08639	.14590	.11240	-.00234	-.00034	.00058	.00002	-5.05550	.00989
4.500	11.618	.21621	.08459	.19475	.12640	-.00216	-.00055	.00064	.00006	-5.05770	.00770
4.500	13.644	.27460	.08246	.24740	.13552	-.00241	-.00049	.00067	.00007	-5.05580	.00577
4.500	14.592	.30241	.08162	.27209	.14491	-.00281	-.00018	.00061	.00007	-5.05580	.00577
4.500	15.600	.33494	.08051	.30095	.15177	-.00317	.00015	.00055	.00023	-5.05750	.01183
4.500	16.614	.36736	.07927	.32935	.16762	-.00379	.00019	.00046	.00032	-5.05550	.00989
4.500	17.673	.40158	.07838	.35883	.18099	-.00439	.00024	.00040	.00034	-5.05960	.00964
4.500	19.591	.46695	.07666	.41422	.19659	-.00605	.00047	.00025	.00043	-5.05360	.00795
4.500	23.608	.61465	.07334	.53384	.22879	-.01092	.00084	.00028	.00063	-5.05580	.00577
4.500	24.620	.65414	.07316	.56419	.33902	-.01216	.00103	.00027	.00062	-5.05770	.00770
4.500	27.644	.77542	.07183	.65358	.42341	-.01742	.00062	.00044	.00079	-5.05770	.00770
4.500	31.815	.95791	.06786	.77822	.56265	-.02747	.00120	.00030	.00100	-5.06130	.01570
4.500	GRADIENT	.02126	-.00228	.01953	-.00250	.00038	.00003	-.00003	-.00000	.00054	.00012

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(17A273) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-L1 = 5.000 ELV-R1 = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 604/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
2.500	-2.463	-.10196	.14355	-.09570	.14780	.01016	-.00395	.00089	-.00019	5.02050	-.02988
2.500	-.430	-.04054	.14002	-.03948	.14032	.00568	-.00338	.00092	-.00013	5.02050	-.02988
2.500	1.545	.01766	.13793	.01394	.13835	.00111	-.00381	.00098	-.00023	5.01550	-.02893
2.500	3.592	.08107	.13544	.07242	.14026	-.00327	-.00332	.00083	-.00034	5.01110	-.02450
2.500	4.629	.11233	.13316	.10121	.14179	-.00547	-.00253	.00080	-.00028	5.01310	-.02248
2.500	5.564	.13970	.13180	.12627	.14473	-.00804	-.00283	.00082	-.00014	5.01260	-.02598
2.500	7.601	.20866	.12902	.18976	.15549	-.01238	-.00247	.00076	-.00031	5.01110	-.02450
2.500	9.606	.27655	.12657	.25155	.17094	-.01624	-.00240	.00076	-.00026	5.00960	-.02302
2.500	11.563	.34733	.12444	.31534	.19153	-.02085	-.00252	.00082	-.00038	5.01110	-.02450
2.500	12.650	.38659	.12336	.35019	.20503	-.02316	-.00232	.00087	-.00017	5.01310	-.02248
2.500	13.565	.42016	.12237	.37974	.21750	-.02547	-.00212	.00084	-.00022	5.00960	-.02302
2.500	14.547	.45676	.12112	.41170	.23196	-.02818	-.00230	.00088	-.00020	5.00670	-.02006
2.500	15.556	.49559	.11965	.44535	.24817	-.03080	-.00209	.00086	-.00022	5.01310	-.02248
2.500	16.529	.53150	.11850	.47582	.26481	-.03303	-.00229	.00079	-.00020	5.00720	-.01657
2.500	17.552	.57165	.11733	.50966	.28426	-.03571	-.00177	.00082	-.00012	5.00870	-.01805
2.500	19.583	.64950	.11431	.57362	.32539	-.04153	-.00194	.00061	-.00002	5.00570	-.01509
2.500	23.582	.81367	.10789	.70255	.42439	-.05608	-.00095	.00034	.00018	5.00370	-.01711
2.500	24.540	.85492	.10539	.73392	.45094	-.06122	-.00061	.00029	.00020	5.00760	-.02503
2.500	27.548	.98565	.09952	.82788	.54409	-.07437	.00015	.00002	.00033	5.00320	-.03060
2.500	31.601	1.16720	.08649	.94883	.68530	-.08945	-.00044	.00058	.00034	5.00470	-.02208
2.500	GRADIENT	.03021	-.00138	.02777	-.00073	-.00221	.00015	-.00001	-.00002	-.00137	-.00108

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A273) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 611/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.500	-2.352	-.09989	.11911	-.09491	.12311	-.00667	-.00094	.00072	-.00004	5.01350	-.03095
3.500	-.361	-.05402	.11471	-.05330	.11505	-.00620	-.00081	.00074	-.00005	5.01060	-.02799
3.500	1.704	-.00600	.11208	-.00933	.11186	-.00570	-.00069	.00076	-.00005	5.00410	-.02557
3.500	3.660	.04149	.10922	.03443	.11164	-.00548	-.00057	.00064	.00001	5.00610	-.02356
3.500	4.738	.06964	.10745	.06053	.11284	-.00572	-.00056	.00058	-.00005	5.00560	-.02705
3.500	5.654	.09521	.10570	.08433	.11456	-.00677	-.00065	.00060	-.00003	5.00560	-.02705
3.500	7.680	.15285	.10400	.13758	.12349	-.00810	-.00051	.00061	-.00001	5.00710	-.02853
3.500	9.644	.21052	.10212	.19043	.13695	-.00987	-.00085	.00067	-.00007	5.00410	-.02557
3.500	11.631	.27058	.10067	.24472	.15316	-.01210	-.00055	.00067	.00002	5.00260	-.02409
3.500	12.648	.30274	.09993	.27351	.16379	-.01343	-.00060	.00068	.00001	5.00610	-.02356
3.500	13.658	.33577	.09917	.30286	.17565	-.01516	-.00034	.00069	.00010	5.00610	-.02356
3.500	14.605	.36696	.09839	.33029	.18774	-.01672	-.00072	.00065	.00006	5.00760	-.02503
3.500	15.663	.40278	.09709	.36161	.20222	-.01891	-.00047	.00060	.00015	5.00820	-.02154
3.500	16.621	.43628	.09621	.39053	.21698	-.02105	-.00031	.00054	.00017	5.00820	-.02154
3.500	17.661	.47290	.09505	.42178	.23405	-.02363	-.00038	.00055	.00020	5.01020	-.01953
3.500	19.659	.54499	.09281	.48201	.27074	-.02885	-.00007	.00052	.00027	5.00820	-.02154
3.500	23.675	.70131	.08969	.60627	.36375	-.03923	.00001	.00040	.00037	5.01510	-.02047
3.500	24.683	.74338	.08933	.63815	.39160	-.04181	.00014	.00035	.00042	5.01370	-.01899
3.500	27.717	.87431	.08735	.73336	.48398	-.04996	.00036	.00025	.00054	5.01660	-.02195
3.500	31.606	1.05570	.08324	.85545	.62415	-.06460	.00077	.00046	.00054	5.01720	-.01845
3.500	GRADIENT	.02383	-.00159	.02185	-.00138	.00015	.00006	-.00002	.00000	-.00116	.00074

LA131 MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-L1 = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 617/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
4.500	-2.396	.10301	.10832	-.09839	.11253	-.01163	-.00066	.00071	-.00012	4.99510	-.02865
4.500	-.391	-.06101	.10271	-.06031	.10312	-.01127	-.00094	.00067	-.00011	4.99810	-.03162
4.500	1.655	-.01811	.09824	-.02093	.09767	-.01086	-.00069	.00055	-.00005	5.00010	-.02960
4.500	3.640	.02510	.09477	.01903	.09617	-.01018	-.00042	.00049	.00002	4.99860	-.02812
4.500	4.637	.04785	.09305	.04017	.09662	-.00995	-.00054	.00050	.00001	4.99710	-.02664
4.500	5.659	.07240	.09104	.06307	.09773	-.01062	-.00026	.00047	.00004	4.99710	-.02664
4.500	7.671	.12392	.08931	.11089	.10505	-.01154	-.00051	.00050	-.00001	5.00010	-.02960
4.500	9.612	.17543	.08800	.15827	.11606	-.01224	-.00049	.00050	.00006	5.00360	-.02906
4.500	11.661	.23215	.08604	.20997	.13119	-.01423	-.00052	.00058	.00010	5.00060	-.02611
4.500	12.597	.26040	.08544	.23550	.14017	-.01512	-.00048	.00054	.00014	5.00060	-.02611
4.500	13.601	.29093	.08392	.26287	.15066	-.01636	-.00028	.00054	.00016	4.99770	-.02315
4.500	14.626	.32328	.08310	.29162	.16283	-.01784	-.00011	.00044	.00024	4.99910	-.02463
4.500	15.625	.35617	.08216	.32063	.17596	-.01945	-.00007	.00040	.00032	5.00360	-.02906
4.500	16.597	.38810	.08161	.34846	.18959	-.02109	-.00011	.00033	.00039	5.00360	-.02906
4.500	17.617	.42268	.08024	.37815	.20571	-.02295	-.00030	.00029	.00044	5.00360	-.02906
4.500	19.623	.49338	.08024	.43778	.24127	-.02569	-.00039	.00016	.00051	5.00060	-.02611
4.500	23.622	.64638	.07817	.56090	.33063	-.03632	-.00074	.00007	.00064	5.00360	-.02906
4.500	24.587	.68487	.07828	.59021	.35614	-.03896	-.00064	.00008	.00065	5.00210	-.02759
4.500	27.597	.81155	.07812	.68303	.44519	-.04782	-.00050	.00019	.00078	5.00560	-.02705
4.500	31.648	.99578	.07652	.80755	.58761	-.06233	-.00134	.00005	.00099	5.00060	-.02611
4.500	GRADIENT	.02140	-.00214	.01966	-.00221	.00024	.00004	-.00003	.00002	.00030	-.00039

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(17A274) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-L1 = .000 ELV-R1 = .000
 ELV-R0 = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDGRK = 55.000 RUDDER = .000

RUN NO. 621/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CLM	CY	CYN	CBL	ELEVON	AILRON
2.960	-2.266	-1.0264	.12404	-.09766	-.00225	-.00187	.00099	-.00025	-.00771	-.02884
2.960	-.182	-.04830	.11986	-.04792	-.00299	-.00199	.00094	-.00024	-.00257	-.02993
2.960	1.834	.00555	.11758	.00178	-.00162	-.00202	.00085	-.00033	-.00662	-.03398
2.960	3.842	.05989	.11443	.05209	-.00577	-.00169	.00075	-.00028	-.00304	-.03351
2.960	4.798	.08691	.11229	.07722	-.00687	-.00165	.00070	-.00032	-.00148	-.03507
2.960	5.828	.11678	.11043	.10497	-.00806	-.00135	.00064	-.00025	-.00662	-.03398
2.960	7.827	.17650	.10745	.16022	-.00971	-.00152	.00060	-.00022	-.00973	-.03087
2.960	9.901	.24337	.10538	.22163	-.01236	-.00128	.00058	-.00013	-.00926	-.02728
2.960	11.853	.30615	.10353	.27836	-.01583	-.00141	.00059	-.00014	-.01284	-.02775
2.960	12.807	.33845	.10265	.30728	-.01770	-.00147	.00060	-.00008	-.01954	-.02511
2.960	13.785	.37085	.10150	.33598	-.01948	-.00147	.00059	-.00002	-.01758	-.02666
2.960	14.856	.40852	.10049	.36910	-.02144	-.00126	.00062	-.00004	-.01751	-.02308
2.960	15.805	.44260	.09931	.39882	-.02354	-.00142	.00055	.08004	-.01596	-.02464
2.960	16.856	.47945	.09778	.43050	-.02570	-.00138	.00052	.00008	-.01798	-.02666
2.960	17.818	.51326	.09649	.45911	-.02764	-.00116	.00051	.00012	-.02001	-.02869
2.960	19.904	.59144	.09412	.52406	-.03226	-.00088	.00053	.00025	-.01751	-.02308
2.960	23.849	.74582	.08822	.64647	-.04216	-.00058	.00024	.00037	-.02203	-.03071
2.960	24.847	.78786	.08757	.67814	-.04471	-.00012	.00025	.00047	-.01954	-.02511
2.960	27.874	.91557	.08397	.77008	-.05398	.00026	.00005	.00055	-.02203	-.03071
2.960	31.855	1.09080	.07677	.88599	-.06797	.00043	.00005	.00063	-.02561	-.03118
	GRADIENT	.02681	-.00159	.02474	-.00065	.00004	-.00004	-.00001	.00064	-.00088

LAI31, MODEL 105-0, SILTS ON, SB CAVITY OPEN

(17A27**) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 623/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.000	-2.262	-1.0251	.12299	-.09758	.12694	-.00371	-.00229	.00103	-.00021	-.00148	-.03507
3.000	-1.186	-.04800	.11876	-.04762	.11892	-.00435	-.00240	.00090	-.00030	-.00195	-.03865
3.000	1.873	.00609	.11647	.00228	.11661	-.00511	-.00193	.00085	-.00025	.00522	-.03771
3.000	3.781	.05558	.11332	.04799	.11674	-.00608	-.00244	.00078	-.00028	.00008	-.03662
3.000	4.856	.08635	.11077	.07666	.11768	-.00715	-.00231	.00074	-.00032	-.00553	-.03912
3.000	5.801	.11385	.10931	.10222	.12025	-.00793	-.00219	.00071	-.00030	.00677	-.03927
3.000	7.886	.17694	.10626	.15069	.12953	-.00967	-.00152	.00062	-.00027	.00522	-.03771
3.000	9.853	.23799	.10410	.21667	.14329	-.01239	-.00162	.00060	-.00020	.00319	-.03974
3.000	11.886	.30332	.10237	.27574	.16265	-.01609	-.00157	.00064	-.00012	.00522	-.03771
3.000	12.872	.33565	.10136	.30464	.17359	-.01790	-.00147	.00061	-.00011	.00148	-.03507
3.000	13.868	.36946	.10040	.33463	.18603	-.01980	-.00154	.00063	-.00000	-.00195	-.03865
3.000	14.904	.40608	.09936	.36686	.20047	-.02183	-.00135	.00060	-.00001	-.00210	-.03460
3.000	15.811	.43653	.09824	.39325	.21346	-.02379	-.00150	.00056	-.00000	-.00304	-.03351
3.000	16.845	.47281	.09685	.42446	.22971	-.02615	-.00146	.00053	-.00003	-.00709	-.03756
3.000	17.842	.50897	.09555	.45521	.24690	-.02800	-.00141	.00049	-.00007	-.00459	-.03195
3.000	19.846	.58360	.09331	.51726	.28590	-.03250	-.00097	.00056	-.00015	-.00506	-.03553
3.000	23.910	.74318	.08743	.64397	.38114	-.04232	-.00042	.00034	-.00041	-.01222	-.03647
3.000	24.858	.78068	.08653	.67197	.40669	-.04480	-.00051	.00020	-.00046	-.02094	-.03585
3.000	27.885	.90766	.08307	.76341	.49794	-.05361	-.00011	.00018	-.00048	-.02561	-.03118
3.000	31.909	1.08420	.07605	.88016	.63763	-.06725	.00047	.00015	-.00069	-.02406	-.03274
	GRADIENT	.02641	-.00163	.02436	-.00121	-.00046	-.00000	-.00004	-.00001	-.00021	-.00032

(17A274) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 624/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.050	-2.193	-1.10229	.12197	-.09755	.12579	-.00409	-.00284	.00115	-.00031	.00771	-.03211
3.050	-.184	-.05163	.11814	-.05125	.11831	-.00502	-.00253	.00107	-.00026	.00662	-.02697
3.050	1.859	.00127	.11575	-.00248	.11573	-.00577	-.00238	.00103	-.00029	.01020	-.02650
3.050	3.912	.05607	.11243	.04826	.11599	-.00618	-.00238	.00095	-.00034	.00662	-.02697
3.050	4.926	.08444	.11005	.07468	.11689	-.00711	-.00217	.00089	-.00031	.00818	-.02852
3.050	5.924	.11247	.10815	.10071	.11918	-.00810	-.00221	.00086	-.00034	.00818	-.02852
3.050	7.886	.17077	.10511	.15473	.12754	-.00970	-.00230	.00078	-.00042	.00351	-.02385
3.050	9.816	.23134	.10319	.21036	.14112	-.01226	-.00179	.00080	-.00029	.01067	-.02292
3.050	11.844	.29445	.10146	.26736	.15974	-.01581	-.00210	.00078	-.00034	.01020	-.02744
3.050	12.909	.32907	.10040	.29832	.17137	-.01814	-.00209	.00073	-.00033	.00304	-.02697
3.050	13.832	.36086	.09961	.32658	.18299	-.02002	-.00225	.00069	-.00035	.00662	-.02697
3.050	14.910	.39736	.09851	.35864	.19744	-.02217	-.00214	.00070	-.00028	.00771	-.03211
3.050	15.893	.43205	.09746	.38884	.21205	-.02418	-.00176	.00067	-.00026	.01441	-.03475
3.050	16.834	.46497	.09635	.41714	.22688	-.02632	-.00165	.00058	-.00017	.00927	-.03366
3.050	17.896	.50308	.09496	.44956	.24496	-.02839	-.00143	.00057	-.00009	.00973	-.03008
3.050	19.904	.57691	.09279	.51086	.28366	-.03253	-.00151	.00052	-.00001	.00818	-.02852
3.050	23.938	.73601	.08695	.63743	.37810	-.04188	-.00075	.00033	.00020	.00818	-.02852
3.050	24.899	.77495	.08536	.66556	.40461	-.04423	-.00083	.00029	.00030	.00709	-.02338
3.050	27.932	.90160	.08289	.75774	.49556	-.05296	-.00034	.00012	.00028	-.00319	-.02121
3.050	31.933	1.07810	.07618	.87468	.63491	-.06610	.00018	.00017	.00050	-.00724	-.02526
3.050	GRADIENT	.02621	-.00160	.02418	-.00115	-.00039	.00008	-.00003	-.00000	.00005	.00044

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-L1 = .000 ELV-R1 = .000
 ELV-R0 = .000 ELEVON = .000
 AILRON = .000 BDELAP = .000
 SPDBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 622/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	CN	CA	CL	CD	CLM	CY	CYN	CBL	ELEVON	AILRON
3.000	-2.247	-.10240	.12320	-.09749	.12712	-.00361	-.00242	.00109	-.00022	-.00101	-.03149
3.000	-.207	-.04880	.11916	-.04837	.11933	-.00405	-.00219	.00094	-.00031	-.00055	-.03304
3.000	1.829	.00439	.11662	.00067	.11670	-.00515	-.00232	.00083	-.00029	-.00304	-.03351
3.000	3.883	.05912	.11329	.05131	.11703	-.00613	-.00215	.00078	-.00031	-.00148	-.03507
3.000	4.837	.08554	.11121	.07586	.11803	-.00708	-.00211	.00073	-.00029	-.00459	-.03195
3.000	5.812	.11403	.10941	.10237	.12039	-.00824	-.00190	.00067	-.00031	-.00662	-.03398
3.000	7.821	.17421	.10652	.15810	.12923	-.00949	-.00145	.00064	-.00024	-.00304	-.03351
3.000	9.817	.23650	.10430	.21525	.14309	-.01238	-.00156	.00061	-.00023	-.01020	-.03445
3.000	11.849	.30231	.10246	.27483	.16235	-.01601	-.00152	.00060	-.00014	-.00615	-.03040
3.000	12.814	.33399	.10167	.30313	.17321	-.01767	-.00177	.00060	-.00007	-.01020	-.03445
3.000	13.810	.36799	.10060	.33334	.18553	-.01960	-.00140	.00061	-.00000	-.00817	-.03242
3.000	14.863	.40440	.09947	.36536	.19988	-.02168	-.00137	.00058	-.00000	-.00506	-.03553
3.000	15.805	.43724	.09842	.39391	.21379	-.02357	-.00162	.00058	.00006	-.01378	-.03491
3.000	16.805	.47212	.09700	.42391	.22935	-.02596	-.00159	.00048	.00006	-.01534	-.03336
3.000	17.880	.51106	.09563	.45701	.24792	-.02819	-.00146	.00047	.00010	-.02001	-.02869
3.000	19.830	.58330	.09333	.51705	.28567	-.03254	-.00126	.00048	.00013	-.02203	-.03071
3.000	23.890	.74323	.08754	.64410	.38103	-.04183	-.00041	.00029	.00038	-.02203	-.02822
3.000	24.830	.78098	.08688	.67230	.40680	-.04449	-.00014	.00027	.00056	-.01643	-.02511
3.000	27.865	.90869	.08338	.76435	.49843	-.05348	-.00002	.00004	.00051	-.01954	-.02557
3.000	31.843	1.08300	.07648	.87968	.63636	-.06710	.00051	.00012	.00068	-.02312	-.02557
3.000	GRADIENT	.02648	-.00163	.02442	-.00118	-.00049	.00004	-.00005	-.00001	-.00047	-.00021

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 46/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.347	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	-1.358	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	-.371	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	1.682	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	3.615	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	4.658	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	5.627	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	7.649	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	9.648	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	11.686	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	12.605	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	13.596	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	14.597	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	15.624	.00000	.00000	.00000	.00000	55.00000	-.03977	.00000	.00000	.00000	.00000
3.500	16.629	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	17.651	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	19.683	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	23.643	.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	24.724	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	27.680	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	31.682	.00000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00005	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A001) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 64/ 0 RN/L = 2.01 GRADIENT INTERVAL = 5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.401	.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-1.428	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	1.503	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	3.566	.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
4.000	4.578	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	5.574	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	7.588	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	9.576	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	11.590	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	12.562	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	13.584	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	14.575	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	15.580	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	16.571	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	17.634	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	19.575	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	23.595	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	24.582	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	27.569	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	31.598	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	-.00015	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A001) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 83/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.400	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	-.381	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	1.545	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.500	3.631	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	4.691	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	5.665	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	7.694	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	9.673	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	11.662	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	12.667	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	13.609	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	14.647	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	15.570	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	16.631	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	17.636	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	19.640	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	23.671	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	24.646	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	27.654	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	31.609	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00017	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A002) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.405	.00000	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.500	-3.344	.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.500	1.651	.00000	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.500	3.674	.00000	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.500	4.665	.00000	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.500	5.650	.00000	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.500	7.599	.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	.00015	.00000	.00000	.00000	.00000

RUN NO. 80/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LAI31.MODEL 106-0, SILTS OFF, SB CV OPN. (INVERT)

(27A003) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.094	-.45360	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	-4.066	-.45360	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	-3.121	-.45360	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	-2.150	-.45360	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	-1.093	-.45360	.00000	.00000	.00000	55.00000	.02252	.00000	.00000	.00000	.00000
2.500	-.095	-.45360	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	.930	-.45360	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	1.972	-.45360	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	3.407	-.45360	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
	GRADIENT	-.00000	.00000	.00000	.00000	.00000	.00004	.00000	.00000	.00000	.00000

RUN NO. 15/ 0 RN/L = 2.00 GRADIENT INTERVAL = -3.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 45/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-5.131	-.00000	.00000	.00000	.00000	55.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-4.191	-.00000	.00000	.00000	.00000	55.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-3.256	-.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
3.500	-2.197	-.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	-1.180	-.00000	.00000	.00000	.00000	55.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-.159	-.00000	.00000	.00000	.00000	55.00000	-.03977	.00000	.00000	.00000	.00000
3.500	.787	-.00000	.00000	.00000	.00000	55.00000	-.03977	.00000	.00000	.00000	.00000
3.500	1.875	-.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
3.500	2.830	-.00000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00051	.00000	.00000	.00000	.00000

RUN NO. 78/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-5.089	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	-4.142	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	-3.136	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	-2.094	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	-1.190	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	-.128	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	.870	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	1.928	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	2.843	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 79/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-5.137	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.500	-4.183	-.00000	.00000	.00000	.00000	55.00000	-.02447	.00000	.00000	.00000	.00000
4.500	-3.187	-.00000	.00000	.00000	.00000	55.00000	-.02447	.00000	.00000	.00000	.00000
4.500	-2.194	-.00000	.00000	.00000	.00000	55.00000	-.02447	.00000	.00000	.00000	.00000
4.500	-1.170	-.00000	.00000	.00000	.00000	55.00000	-.02447	.00000	.00000	.00000	.00000
4.500	-.201	-.00000	.00000	.00000	.00000	55.00000	-.02447	.00000	.00000	.00000	.00000
4.500	.832	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.500	1.818	-.00000	.00000	.00000	.00000	55.00000	-.02447	.00000	.00000	.00000	.00000
4.500	2.414	-.00000	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00037	.00000	.00000	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

LAI31.MODEL 105-0, SILTS OFF, SB CAVITY OPEN

(27A004) (24 JUN 80)

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 17/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.459	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	- .480	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	1.508	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	3.568	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	4.572	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	5.594	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	7.582	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	9.558	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	11.539	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	12.541	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	13.526	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	14.563	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	15.566	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	16.527	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	17.528	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	19.533	1.96780	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	23.568	1.96780	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	24.556	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	27.553	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	31.606	1.96780	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00005	.00000	.00000	.00000	.00000

(27A004) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 477 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.08

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.348	1.98670	.00000	.00000	.00000	55.00000	.02252	.00000	.00000	.00000	.00000
3.500	-.370	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	1.531	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	3.687	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	4.643	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	5.672	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	7.658	1.98670	.00000	.00000	.00000	55.00000	.03097	.00000	.00000	.00000	.00000
3.500	9.692	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	11.641	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	12.649	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	13.626	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	14.617	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	15.638	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	16.675	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	17.654	1.98670	.00000	.00000	.00000	55.00000	.03097	.00000	.00000	.00000	.00000
3.500	19.613	1.98670	.00000	.00000	.00000	55.00000	.02534	.00000	.00000	.00000	.00000
3.500	23.612	1.98670	.00000	.00000	.00000	55.00000	.03097	.00000	.00000	.00000	.00000
3.500	24.671	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	27.654	1.98670	.00000	.00000	.00000	55.00000	.02815	.00000	.00000	.00000	.00000
3.500	31.678	1.98670	.00000	.00000	.00000	55.00000	.03097	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00000	.00000	.00000	.00000	.00000	.00052	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A004) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 65/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-FO	ELV-LI	ELV-RI
4.000	-2.445	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	-1.406	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	1.504	1.98670	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	3.576	1.98670	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	4.571	1.98670	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	5.615	1.98670	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	7.613	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	9.584	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	11.611	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	12.608	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	13.582	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	14.607	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	15.592	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	16.606	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	17.583	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	19.583	1.98670	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	23.592	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	24.597	1.98670	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	27.602	1.98670	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	31.586	1.98670	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00007	.00000	.00000	.00000	.00000

DATE 25 JUN 80

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LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A004) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 84/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.364	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	-.373	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	1.537	1.96780	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	3.612	1.96780	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	4.609	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	5.660	1.96780	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	7.598	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	9.666	1.96780	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	11.643	1.96780	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	12.667	1.96780	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.500	13.642	1.96780	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	14.652	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	15.610	1.96780	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	16.599	1.96780	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	17.618	1.96780	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.500	19.620	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	23.689	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	24.604	1.96780	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.500	27.600	1.96780	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	31.661	1.96780	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00000	.00000	.00000	.00000	-.00000	-.00023	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A005) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = -4.930

PARAMETRIC DATA

RUN NO. 18/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.453	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	-1.437	1.96780	.00000	.00000	.00000	55.00000	-5.01184	.00000	.00000	.00000	.00000
2.500	1.539	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	3.673	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	4.599	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	5.561	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	6.556	1.96780	.00000	.00000	.00000	55.00000	-5.02312	.00000	.00000	.00000	.00000
2.500	7.550	1.96780	.00000	.00000	.00000	55.00000	-5.01554	.00000	.00000	.00000	.00000
2.500	9.522	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	11.523	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	12.567	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	13.508	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	14.559	1.96780	.00000	.00000	.00000	55.00000	-5.02312	.00000	.00000	.00000	.00000
2.500	15.567	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	16.553	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	17.571	1.96780	.00000	.00000	.00000	55.00000	-5.01933	.00000	.00000	.00000	.00000
2.500	19.553	1.96780	.00000	.00000	.00000	55.00000	-4.98539	.00000	.00000	.00000	.00000
2.500	23.536	1.96780	.00000	.00000	.00000	55.00000	-4.98918	.00000	.00000	.00000	.00000
2.500	24.607	1.96780	.00000	.00000	.00000	55.00000	-4.98539	.00000	.00000	.00000	.00000
2.500	27.527	1.96780	.00000	.00000	.00000	55.00000	-4.98539	.00000	.00000	.00000	.00000
2.500	31.581	1.96780	.00000	.00000	.00000	55.00000	-5.00047	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.000041	.00000	.00000	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A005) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 AILRON =
 SPDBRK =

2.000 ELEVON = .000
 .000 BDFLAP = .000
 55.000 RUDDER = -4.930

PARAMETRIC DATA

RUN NO. 48/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.342	1.98670	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	-1.369	1.98670	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
3.500	1.577	1.98670	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
3.500	3.641	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	4.622	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	5.598	1.98670	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
3.500	7.704	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	9.593	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	11.626	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	12.594	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	13.662	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	14.601	1.98670	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	15.593	1.98670	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	16.639	1.98670	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	17.639	1.98670	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
3.500	19.668	1.98670	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	23.701	1.98670	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	24.618	1.98670	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	27.695	1.98670	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
3.500	31.685	1.98670	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00106	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A105) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XHRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YHRP = .0000 IN. Y0
 BRP = 936.6800 INCHES ZHRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 66/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.401	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	-.454	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	1.547	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	3.581	1.98670	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.000	4.562	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	5.578	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	7.549	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	9.570	1.98670	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
4.000	11.535	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	12.633	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	13.547	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	14.566	1.98670	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.000	15.539	1.98670	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	16.563	1.98670	.00000	.00000	.00000	55.00000	-4.97023	.00000	.00000	.00000	.00000
4.000	17.580	1.98670	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	19.558	1.98670	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	23.614	1.98670	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	24.569	1.98670	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	27.551	1.98670	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	31.580	1.98670	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00037	.00000	.00000	.00000	.00000

DATE 25 JUN 80 LA131 (LARC UPWT 1299) LA131.MODEL 106-0, SILTS OFF, SB CAVITY OPEN (27A005) (24 JUN 80)

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 55.000 RUDDER = -4.930

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
SCALE = .0200

RUN NO. 85/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.334	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	-.366	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	1.564	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	3.602	1.96780	.00000	.00000	.00000	55.00000	-4.94008	.00000	.00000	.00000	.00000
4.500	4.580	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	5.610	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	7.665	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	9.633	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	11.679	1.96780	.00000	.00000	.00000	55.00000	-4.94008	.00000	.00000	.00000	.00000
4.500	12.650	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	13.630	1.96780	.00000	.00000	.00000	55.00000	-4.94008	.00000	.00000	.00000	.00000
4.500	14.561	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	15.654	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	16.629	1.96780	.00000	.00000	.00000	55.00000	-4.94379	.00000	.00000	.00000	.00000
4.500	17.603	1.96780	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.500	19.589	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	23.605	1.96780	.00000	.00000	.00000	55.00000	-4.95137	.00000	.00000	.00000	.00000
4.500	24.584	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	27.663	1.96780	.00000	.00000	.00000	55.00000	-4.94758	.00000	.00000	.00000	.00000
4.500	31.625	1.96780	.00000	.00000	.00000	55.00000	-4.95516	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00099	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A006) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 49/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.358	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	-.359	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	1.619	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	3.706	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	4.625	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	5.653	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	7.620	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	9.598	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	11.630	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	12.729	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	13.697	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	14.645	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	15.599	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
3.500	16.590	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	17.625	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	19.644	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	23.686	.00000	.00000	.00000	.00000	55.00000	-4.97023	.00000	.00000	.00000	.00000
3.500	24.683	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	27.672	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	31.693	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00000	.00000	.00000	.00000	.00000	.00007	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 67/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELEV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.462	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	-1.446	.00000	.00000	.00000	.00000	55.00000	-4.97023	.00000	.00000	.00000	.00000
4.000	1.580	.00000	.00000	.00000	.00000	55.00000	-4.97023	.00000	.00000	.00000	.00000
4.000	3.604	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	4.569	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
4.000	5.630	.00000	.00000	.00000	.00000	55.00000	-4.95895	.00000	.00000	.00000	.00000
4.000	7.615	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	9.575	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	10.640	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	11.617	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	12.617	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	13.566	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	14.582	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	15.599	.00000	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
4.000	16.598	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	17.555	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	18.540	.00000	.00000	.00000	.00000	55.00000	-4.97781	.00000	.00000	.00000	.00000
4.000	23.567	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	24.561	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	27.575	.00000	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
4.000	31.609	.00000	.00000	.00000	.00000	55.00000	-4.97023	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00115	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(27A006) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = -4.930

RUN NO. 86/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.428	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	- .337	.00000	.00000	.00000	.00000	55.00000	-4.92493	.00000	.00000	.00000	.00000
4.500	1.589	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	3.692	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	4.602	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	5.624	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	7.651	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	9.638	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	11.647	.00000	.00000	.00000	.00000	55.00000	-4.92493	.00000	.00000	.00000	.00000
4.500	12.641	.00000	.00000	.00000	.00000	55.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	13.619	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	14.605	.00000	.00000	.00000	.00000	55.00000	-4.92493	.00000	.00000	.00000	.00000
4.500	15.588	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	16.617	.00000	.00000	.00000	.00000	55.00000	-4.92493	.00000	.00000	.00000	.00000
4.500	17.600	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	19.602	.00000	.00000	.00000	.00000	55.00000	-4.92493	.00000	.00000	.00000	.00000
4.500	23.656	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	24.603	.00000	.00000	.00000	.00000	55.00000	-4.93629	.00000	.00000	.00000	.00000
4.500	27.605	.00000	.00000	.00000	.00000	55.00000	-4.92872	.00000	.00000	.00000	.00000
4.500	31.599	.00000	.00000	.00000	.00000	55.00000	- .00020	.00000	.00000	.00000	.00000
4.500	GRADIENT	- .00000	.00000	.00000	.00000	.00000		.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A007) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 5.0000 ELEVON = .000
 AILRON = .0000 BDFLAP = .000
 SPOBRK = 55.0000 RUDDER = .000

RUN NO. 20/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	4.61330	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	-4.000	4.61330	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	-3.011	4.61160	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	-1.985	4.61100	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	-1.021	4.60870	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	-.019	4.59490	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	.965	4.61100	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
2.500	1.968	4.61620	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	2.970	4.61960	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	3.992	4.61850	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	6.013	4.61440	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00096	.00000	.00000	.00000	.00000	-.00005	.00000	.00000	.00000	.00000

RUN NO. 50/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	4.63350	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-4.000	4.63520	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
3.500	-2.992	4.63870	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-1.985	4.63980	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-1.002	4.64500	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	.000	4.64500	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	.984	4.64440	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	1.987	4.64390	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	2.988	4.64390	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	4.011	4.64160	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	6.013	4.64100	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00081	.00000	.00000	.00000	.00000	.00112	.00000	.00000	.00000	.00000

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(27A007) (24 JUN 80)

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 50. IN. XMRP = 1076.7000 IN. XO ALPHA = 5.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO ATLRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 68/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	ATLRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	4.59750	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-3.981	4.59520	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	-2.992	4.59520	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-1.985	4.59580	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	-1.002	4.59870	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	.000	4.59810	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	.984	4.60100	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	2.006	4.59870	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	2.988	4.59810	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	4.011	4.59750	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	6.013	4.59690	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00043	.00000	.00000	.00000	.00000	.00015	.00000	.00000	.00000	.00000

RUN NO. 87/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	ATLRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	4.65860	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-4.000	4.65750	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	-2.992	4.65690	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	-1.985	4.65570	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	-1.002	4.65570	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	.000	4.65520	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	.984	4.65750	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	1.987	4.65570	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	2.970	4.65460	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	3.992	4.65340	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	6.013	4.65400	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00036	.00000	.00000	.00000	.00000	.00005	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A008) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 21/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AIRLON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.62330	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-4.000	9.62150	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-2.992	9.61860	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-1.985	9.61980	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	-1.002	9.61570	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	.984	9.61570	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	1.968	9.61740	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	2.970	9.61920	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	4.011	9.62910	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	5.995	9.63780	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
	GRADIENT	.00046	.00000	.00000	.00000	.00000	.00014	.00000	.00000	.00000	.00000

RUN NO. 51/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AIRLON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-5.982	9.68060	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-4.000	9.67710	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-2.992	9.67600	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.985	9.67250	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.002	9.67130	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	.000	9.66900	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	.984	9.66840	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	2.005	9.66720	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	2.970	9.67130	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	4.011	9.67600	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	6.013	9.69810	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
	GRADIENT	-.00053	.00000	.00000	.00000	.00000	.00010	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A008) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 69/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.62770	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-4.019	9.62600	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-3.911	9.62540	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-1.985	9.62020	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-1.021	9.61610	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	.000	9.59570	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	.965	9.60330	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	1.968	9.61610	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	2.970	9.62190	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	3.992	9.62770	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.000	6.013	9.63530	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
	GRADIENT	-.00041	.00000	.00000	.00000	.00000	-.00026	.00000	.00000	.00000	.00000

RUN NO. 88/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.63720	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	-3.981	9.63660	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	
4.500	-3.011	9.63610	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	
4.500	-1.985	9.63840	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	
4.500	-1.002	9.63900	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	
4.500	-.019	9.64010	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	
4.500	.984	9.63720	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	
4.500	1.987	9.63720	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	
4.500	3.007	9.63490	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	
4.500	4.011	9.63430	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	
4.500	6.013	9.63610	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	
	GRADIENT	-.00029	.00000	.00000	.00000	.00000	.00014	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A009) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 ATLRN = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

MACH	BETA	ALPHA	ELEVON	ATLRN	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	14.56600	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-4.000	14.57000	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	-3.011	14.57400	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-1.985	14.57300	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-1.002	14.57400	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-.019	14.57500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	.965	14.57700	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	1.987	14.57600	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	2.988	14.57400	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	3.992	14.57500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	6.013	14.56400	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00048	.00000	.00000	.00000	-.00000	.00023	.00000	.00000	.00000	.00000

MACH	BETA	ALPHA	ELEVON	ATLRN	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.61600	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-4.000	14.61700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-3.011	14.61600	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-1.985	14.61700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.002	14.61500	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-.019	14.61500	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	.965	14.61500	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	1.968	14.61300	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	2.968	14.61000	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	4.011	14.61200	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	6.013	14.61300	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00077	.00000	.00000	.00000	.00000	.00035	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO ATRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	14.58700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-4.000	14.58700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	-2.992	14.58800	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.000	-1.985	14.58700	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	-1.021	14.58800	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	.000	14.58800	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	.965	14.58700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	1.968	14.58700	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	2.970	14.58800	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	3.992	14.59300	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	6.013	14.59500	.00000	.00000	.00000	55.00000	.00056	.00000	.00000	.00000	.00000
	GRADIENT	.00039	.00000	.00000	.00000	.00000					

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.63400	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	-4.000	14.63400	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	-3.011	14.63300	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	-1.985	14.63100	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	-1.002	14.62800	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	.000	14.62800	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	.965	14.62600	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	2.006	14.62800	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	2.970	14.62900	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	4.011	14.63000	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	6.013	14.63100	.00000	.00000	.00000	55.00000	.00047	.00000	.00000	.00000	.00000
	GRADIENT	-.00060	.00000	.00000	.00000	-.00000					

LAI131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A010) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = -4.930

PARAMETRIC DATA

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.962	14.57300	.00000	.00000	.00000	55.00000	-4.93629	.00000	.00000	.00000	.00000
2.500	-4.019	14.58100	.00000	.00000	.00000	55.00000	-4.93629	.00000	.00000	.00000	.00000
2.500	-3.011	14.57900	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	-1.985	14.58200	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	-1.021	14.58300	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	.000	14.58400	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	.965	14.58600	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	1.968	14.58300	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	2.970	14.58100	.00000	.00000	.00000	55.00000	-4.93629	.00000	.00000	.00000	.00000
2.500	4.011	14.57800	.00000	.00000	.00000	55.00000	-4.93251	.00000	.00000	.00000	.00000
2.500	6.013	14.57200	.00000	.00000	.00000	55.00000	-4.92493	.00000	.00000	.00000	.00000
	GRADIENT	-.00002	.00000	.00000	.00000	.00000	.00006	.00000	.00000	.00000	.00000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.61600	.00000	.00000	.00000	55.00000	-4.97402	.00000	.00000	.00000	.00000
3.500	-4.000	14.61600	.00000	.00000	.00000	55.00000	-4.97402	.00000	.00000	.00000	.00000
3.500	-3.011	14.61600	.00000	.00000	.00000	55.00000	-4.97402	.00000	.00000	.00000	.00000
3.500	-1.985	14.61600	.00000	.00000	.00000	55.00000	-4.97023	.00000	.00000	.00000	.00000
3.500	-1.002	14.61600	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
3.500	-.019	14.61600	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	.965	14.61600	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	1.987	14.61500	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	2.970	14.61500	.00000	.00000	.00000	55.00000	-4.96274	.00000	.00000	.00000	.00000
3.500	4.011	14.61800	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
3.500	5.995	14.61600	.00000	.00000	.00000	55.00000	-4.96644	.00000	.00000	.00000	.00000
	GRADIENT	.00005	.00000	.00000	.00000	-.00000	.00144	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27AD11) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 24/ 0 RN/L = 2.00 GRADIENT INTERVAL = -3.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	19.58400	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	-4.000	19.58500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
2.500	-2.992	19.58600	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	-2.004	19.60200	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	-1.021	19.59600	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	.984	19.60100	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
2.500	1.987	19.59500	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	2.970	19.59200	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	4.011	19.59200	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	6.013	19.58100	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
	GRADIENT	.00050	.00000	.00000	.00000	.00000	-.00014	.00000	.00000	.00000	.00000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	19.64400	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-4.000	19.64400	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-2.992	19.64700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.985	19.64800	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-1.002	19.64700	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	.984	19.64700	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	2.006	19.64700	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	2.970	19.64300	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	4.011	19.64400	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	6.013	19.64100	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
	GRADIENT	-.00023	.00000	.00000	.00000	.00000	.00051	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF, SB CAVITY OPEN

(27A011) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 72/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	19.61400	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	-4.000	19.61400	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	-3.011	19.61300	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	-1.985	19.61500	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	-1.115	19.61200	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	.000	19.61100	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	.965	19.61200	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	1.968	19.61100	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	2.970	19.61200	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.000	4.011	19.61100	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	6.013	19.60900	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00038	.00000	.00000	.00000	.00000	-.00021	.00000	.00000	.00000	.00000

RUN NO. 91/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	19.64600	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
4.500	-4.000	19.64700	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
4.500	-3.011	19.64600	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
4.500	-1.985	19.64500	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
4.500	-1.002	19.64400	.00000	.00000	.00000	55.00000	.03097	.00000	.00000	.00000	.00000
4.500	.000	19.64100	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
4.500	.981	19.64100	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
4.500	1.987	19.64200	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
4.500	2.988	19.64100	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
4.500	4.011	19.64100	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
4.500	6.013	19.64100	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00080	.00000	.00000	.00000	.00000	.00019	.00000	.00000	.00000	.00000

LA131.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A012) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 77/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.272	9.61720	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-11.712	9.61430	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-9.908	9.61030	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-8.281	9.60740	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-6.627	9.60150	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-4.985	9.58930	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-3.289	9.58530	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-1.894	9.58580	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.877	9.58530	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.061	9.58640	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	.868	9.58640	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	1.613	9.58760	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00016	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 96/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.236	9.65350	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-11.689	9.65170	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-9.877	9.65170	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-8.294	9.65060	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-6.596	9.65000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-4.940	9.65000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-3.299	9.65060	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-1.791	9.65230	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.897	9.65290	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.034	9.65350	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	.890	9.65230	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	1.688	9.65350	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00052	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(27A013) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

RUN NO. 59/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.268	9.68060	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-11.784	9.67830	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-9.820	9.67710	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-8.341	9.67310	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-6.620	9.67190	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-4.951	9.67070	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-3.275	9.67070	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-1.810	9.67070	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.906	9.67070	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.043	9.67250	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	.854	9.67350	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	1.671	9.67480	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	.00061	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A016) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.232	19.60000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-11.676	19.60000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-9.944	19.59900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-8.281	19.59400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-6.498	19.59000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-4.933	19.58800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-3.261	19.59100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-1.813	19.59500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.863	19.59500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.037	19.59600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.879	19.59200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	1.642	19.59400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00082	-.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.276	19.65700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-11.748	19.65700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-9.884	19.65500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-8.293	19.65400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-6.547	19.55500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-4.963	19.65400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-3.269	19.65400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.906	19.65300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.070	19.65400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	.851	19.65500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	1.636	19.65200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00012	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A017) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.249	24.59700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-11.689	24.59900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-9.973	24.59600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-8.293	24.59600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-6.509	24.59400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-4.959	24.59200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-3.254	24.59100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-1.843	24.59000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.901	24.59200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.006	24.59600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.876	24.59200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	1.654	24.59300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00034	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.331	24.66800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-11.698	24.66500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-9.904	24.66600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-8.308	24.66600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-6.759	24.66500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-5.053	24.66400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-3.257	24.66400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-1.828	24.66500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.921	24.66300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.052	24.66700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	.847	24.66400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	1.636	24.66400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00005	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ORIGINAL PAGE
OF POOR QUALITY

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 25.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 55.000 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 74/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.272	24.56400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-11.712	24.56500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-9.833	24.56500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-8.273	24.56500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-6.613	24.56500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-4.966	24.56300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-3.322	24.56600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-1.850	24.56500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.926	24.56500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.061	24.56400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	.858	24.56200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	1.625	24.56300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00024	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.245	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-11.685	24.63500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-9.833	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-8.265	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-6.596	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-4.948	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-3.285	24.63500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-1.843	24.63500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.906	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.031	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	.890	24.63500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	1.677	24.63400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00002	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LA131.MODEL 106-0. SILTS OFF, SB CAVITY OPEN (27AD19) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 32.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 27/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.294	31.59100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-11.698	31.59400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-9.868	31.59300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-8.293	31.59000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-6.521	31.58800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-4.959	31.59200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-3.272	31.58800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-1.839	31.59100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.877	31.58900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.003	31.58800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.865	31.58800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	1.660	31.59000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00033	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 61/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.317	31.66500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-11.707	31.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-9.888	31.66100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-8.288	31.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-7.128	31.66100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-4.963	31.66200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-3.272	31.66100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-1.850	31.66100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.930	31.65900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.031	31.65900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	.837	31.65800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	1.660	31.66200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00031	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 97/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.494	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-4.433	.00000	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
2.500	1.601	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	3.620	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	4.546	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	5.649	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	7.607	.00000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	9.575	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	11.573	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	12.644	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	13.576	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	14.608	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	15.594	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	16.587	.00000	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	17.597	.00000	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	19.547	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	23.561	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	24.590	.00000	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	27.586	.00000	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	31.594	.00000	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00017	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A021) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 125/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.384	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	- .379	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	1.692	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	3.643	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	4.670	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	5.697	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	7.627	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	9.679	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	11.681	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	12.624	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	13.700	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	14.659	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	15.694	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	16.634	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	17.624	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	19.681	.01930	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
4.500	23.641	.01930	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
4.500	24.668	.01930	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	27.696	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	31.687	.01930	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00029	.00000	.00000	.00000	.00000

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DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAGE .399

(27A022) (24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0500

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 98/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	4.58560	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-3.981	4.58560	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-3.011	4.58510	.00000	.00000	.00000	55.00000	-.00282	.00000	.00000	.00000	.00000
2.500	-1.966	4.58390	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-1.021	4.58160	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	-.019	4.57070	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	.965	4.58390	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	1.987	4.58790	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
2.500	2.970	4.59080	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	4.011	4.58560	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	6.032	4.58100	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
	GRADIENT	.00046	.00000	.00000	.00000	.00000	-.00025	.00000	.00000	.00000	.00000

RUN NO. 112/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	4.64620	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-4.000	4.64910	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-2.992	4.65370	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	-1.985	4.65420	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	-1.021	4.65480	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	-.019	4.65710	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	.984	4.65830	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	1.987	4.65710	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	2.970	4.65480	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
3.500	3.992	4.65480	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
3.500	6.013	4.65370	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
	GRADIENT	.00059	.00000	.00000	.00000	-.00000	.00116	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 119/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	4.59870	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	-4.096	4.60160	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
4.000	-3.011	4.60160	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	-1.985	4.60560	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	-1.021	4.60500	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	.000	4.60670	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
4.000	.984	4.60960	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	1.968	4.60520	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	2.970	4.60500	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	4.011	4.60500	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
4.000	6.013	4.60270	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00049	.00000	.00000	.00000	.00000	-.00019	.00000	.00000	.00000	.00000

RUN NO. 126/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	4.67300	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-4.019	4.67240	.00000	.00000	.00000	55.00000	.01971	.00000	.00000	.00000	.00000
4.500	-3.011	4.67130	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	-1.985	4.67130	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	-1.021	4.67130	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	.000	4.67190	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	.984	4.67300	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	1.987	4.67190	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	2.970	4.67130	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	4.011	4.67190	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	6.013	4.67300	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00001	.00000	.00000	.00000	.00000	-.00051	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A023) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AIRLON = .000 BOFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 99/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AIRLON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.020	9.56620	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-4.019	9.56330	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	-3.011	9.56390	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	-1.966	9.56270	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	-1.002	9.56040	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	-.019	9.55690	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	.984	9.55630	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	1.987	9.55980	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	2.988	9.56850	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	4.030	9.57090	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	6.013	9.58080	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
	GRADIENT	.00058	.00000	.00000	.00000	.00000	-.00009	.00000	.00000	.00000	.00000

RUN NO. 113/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AIRLON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.64100	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	-4.000	9.64860	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	-3.011	9.65210	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
3.500	-1.985	9.65330	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
3.500	-1.002	9.65150	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	.000	9.64860	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
3.500	.965	9.64980	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	1.968	9.64980	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	2.970	9.65380	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	4.011	9.65730	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
3.500	5.995	9.65270	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
	GRADIENT	.00052	.00000	.00000	.00000	.00000	.00106	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A023) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 120/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.60040	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.000	-4.019	9.59980	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	-2.992	9.59750	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
4.000	-1.985	9.59520	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	-1.021	9.59340	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	-.019	9.57600	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	.965	9.59340	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
4.000	1.968	9.60270	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	2.970	9.60740	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.000	4.030	9.61140	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
4.000	6.013	9.61380	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
	GRADIENT	.00153	.00000	.00000	.00000	.00000	.00070	.00000	.00000	.00000	.00000

RUN NO. 127/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.62850	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-4.000	9.62560	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-3.011	9.62790	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-1.985	9.62970	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	-1.002	9.62970	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	.000	9.63140	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	.965	9.62790	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	1.987	9.62560	.00000	.00000	.00000	55.00000	.01689	.00000	.00000	.00000	.00000
4.500	2.970	9.62500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	3.992	9.62500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	5.995	9.62620	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
	GRADIENT	-.00035	.00000	.00000	.00000	-.00000	.00010	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED (27A024) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 100/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	14.57200	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-4.019	14.57500	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	-3.030	14.57800	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
2.500	-2.004	14.57400	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	-1.002	14.57900	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
2.500	-.019	14.58000	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	.946	14.58400	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	1.987	14.57900	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	2.970	14.57800	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	4.011	14.57700	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	6.013	14.57000	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00038	.00000	.00000	.00000	.00000	.00010	.00000	.00000	.00000	.00000

RUN NO. 114/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.65700	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
3.500	-4.019	14.65200	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	-3.011	14.65100	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	-1.985	14.65000	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
3.500	-1.021	14.65100	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	-.019	14.65400	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
3.500	.984	14.65400	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
3.500	1.968	14.65400	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	2.988	14.65500	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	3.992	14.65600	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	5.995	14.66100	.00000	.00000	.00000	55.00000	-.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00065	.00000	.00000	.00000	.00000	.00015	.00000	.00000	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(27A024) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 121/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	14.73400	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
4.000	-4.000	14.73700	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	-3.011	14.73600	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
4.000	-1.985	14.73500	.00000	.00000	.00000	55.00000	.00282	.00000	.00000	.00000	.00000
4.000	-1.021	14.73600	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.000	.000	14.73400	.00000	.00000	.00000	55.00000	.00563	.00000	.00000	.00000	.00000
4.000	.984	14.73500	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	1.987	14.73500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.000	2.951	14.73700	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.000	4.030	14.74200	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.000	6.013	14.74300	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00037	.00000	.00000	.00000	.00000	.00051	.00000	.00000	.00000	.00000

RUN NO. 128/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.63700	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-4.000	14.63700	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	-2.992	14.63600	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	-1.985	14.63500	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	-1.021	14.63200	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	.000	14.63200	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	.965	14.63100	.00000	.00000	.00000	55.00000	.00845	.00000	.00000	.00000	.00000
4.500	1.987	14.63300	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	2.970	14.63300	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	4.011	14.63700	.00000	.00000	.00000	55.00000	.01126	.00000	.00000	.00000	.00000
4.500	6.013	14.63700	.00000	.00000	.00000	55.00000	.01408	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00023	.00000	.00000	.00000	-.00000	-.00023	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(27A027) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.223	19.60600	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-11.680	19.60500	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-9.836	19.60500	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-8.265	19.60400	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-6.585	19.60300	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-4.917	19.60300	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-3.282	19.60300	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-1.761	19.60200	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.906	19.60000	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.003	19.60200	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	.900	19.60000	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	1.735	19.59700	.01930	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.00076	-.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 124/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.223	19.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-11.685	19.65900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-9.833	19.65900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-8.237	19.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-6.581	19.65900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-4.925	19.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-3.235	19.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-1.754	19.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.826	19.66000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.015	19.65800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	.911	19.65900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	1.723	19.65800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.00031	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 130/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

ORIGINAL PAGE IS OF POOR QUALITY

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A028) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 132/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.452	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	-1.497	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	1.532	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	3.598	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	4.515	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	5.578	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	7.580	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	9.566	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	11.527	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	12.616	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	13.547	.0000	.0000	.0000	.0000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	14.582	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	15.613	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	16.547	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	17.528	.0000	.0000	.0000	.0000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	19.554	.0000	.0000	.0000	.0000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	23.609	.0000	.0000	.0000	.0000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	24.539	.0000	.0000	.0000	.0000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	27.610	.0000	.0000	.0000	.0000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	31.629	.0000	.0000	.0000	.0000	55.00000	.03941	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00032	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A028) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 149/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.367	.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
3.500	-1.350	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	1.686	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	3.645	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	4.627	.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
3.500	5.672	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	7.607	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
3.500	9.682	.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
3.500	11.620	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	12.655	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	13.622	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
3.500	14.623	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
3.500	15.596	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	16.640	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
3.500	17.640	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	19.700	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
3.500	23.654	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	24.630	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	27.695	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
3.500	31.678	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00006	.00000	.00000	.00000	.00000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A028) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 158/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.380	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	-4.92	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	1.500	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	3.592	.00000	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
4.000	4.591	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	5.625	.00000	.00000	.00000	.00000	55.00000	-.04589	.00000	.00000	.00000	.00000
4.000	7.573	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	9.566	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	11.529	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	12.611	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	13.554	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	14.514	.00000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	15.557	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	16.543	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	17.518	.00000	.00000	.00000	.00000	55.00000	-.05201	.00000	.00000	.00000	.00000
4.000	19.606	.00000	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	23.560	.00000	.00000	.00000	.00000	55.00000	-.05812	.00000	.00000	.00000	.00000
4.000	24.657	.00000	.00000	.00000	.00000	55.00000	-.05812	.00000	.00000	.00000	.00000
4.000	27.543	.00000	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	31.661	.00000	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
1.000	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00073	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A029) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0500 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 133/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	4.59660	.00000	.00000	.00000	55.00000	.03097	.00000	.00000	.00000	.00000
2.500	-4.000	4.59490	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	-3.011	4.59310	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	-1.985	4.59540	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	-1.002	4.59140	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	.000	4.57990	.00000	.00000	.00000	55.00000	.03378	.00000	.00000	.00000	.00000
2.500	.984	4.59370	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	1.968	4.60350	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	2.970	4.60180	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	4.011	4.60060	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	6.013	4.59720	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00112	.00000	.00000	.00000	.00000	.00056	.00000	.00000	.00000	.00000

RUN NO. 150/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	4.63930	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-4.019	4.63700	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-2.992	4.64100	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.985	4.63980	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-1.002	4.64100	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-.019	4.64270	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	.965	4.64160	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	1.968	4.62890	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	3.007	4.61220	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	4.011	4.59370	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	5.995	4.59140	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00470	.00000	.00000	.00000	.00000	.00092	.00000	.00000	.00000	.00000

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A029) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-5.982	4.59000	.00000	.00000	.00000	55.00000	-.04895	.00000	.00000	.00000	.00000
4.000	-3.981	4.58950	.00000	.00000	.00000	55.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-3.011	4.58720	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-1.985	4.58720	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	-1.021	4.58830	.00000	.00000	.00000	55.00000	-.05506	.00000	.00000	.00000	.00000
4.000	.000	4.59060	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	.984	4.59180	.00000	.00000	.00000	55.00000	-.02141	.00000	.00000	.00000	.00000
4.000	1.968	4.59230	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.000	2.988	4.59180	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
4.000	4.011	4.58950	.00000	.00000	.00000	55.00000	-.00563	.00000	.00000	.00000	.00000
4.000	5.995	4.59000	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00046	.00000	.00000	.00000	.00000	.00499	.00000	.00000	.00000	.00000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	4.67760	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	-4.019	4.67480	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	-2.992	4.67480	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	-1.966	4.67360	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	-1.002	4.67420	.00000	.00000	.00000	55.00000	-.00306	.00000	.00000	.00000	.00000
4.500	-.019	4.67300	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	.984	4.67360	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	2.006	4.67240	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	2.988	4.67070	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	4.068	4.67010	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	5.995	4.67010	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00057	.00000	.00000	.00000	.00000	-.00015	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 55.000 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 134/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.58890	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	-4.000	9.59120	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	-3.011	9.58720	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	-1.985	9.58780	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	-1.002	9.58250	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	-.019	9.57900	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	.984	9.58190	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	1.987	9.58780	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	2.970	9.59010	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	3.992	9.59710	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	6.013	9.60580	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00053	.00000	.00000	.00000	-.00000	.00033	.00000	.00000	.00000	.00000

RUN NO. 151/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.67830	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-4.000	9.67600	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-2.992	9.67020	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.985	9.66900	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-1.039	9.67070	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	-.019	9.66960	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	.984	9.66670	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	1.987	9.67020	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	2.988	9.67070	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	4.011	9.67600	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	5.995	9.69520	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00107	.00000	.00000	.00000	.00000

LAI131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A030) (24 JUN 80)

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 BDELAP = .000
SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 160/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.63000	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-4.000	9.63000	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-3.011	9.62830	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	-1.985	9.62540	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-1.021	9.62250	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	.000	9.60740	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	.965	9.62070	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	1.987	9.63180	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	2.970	9.63820	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	4.011	9.64110	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	6.032	9.64570	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
	GRADIENT	.00142	.00000	.00000	.00000	.00000	.00005	.00000	.00000	.00000	.00000

RUN NO. 172/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.63490	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	-4.000	9.63200	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.500	-3.011	9.63260	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	-1.985	9.63260	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	-1.021	9.63490	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	.000	9.63610	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	.965	9.63200	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	2.006	9.63200	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	2.970	9.63140	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	4.030	9.63310	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
4.500	6.013	9.63080	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
	GRADIENT	-.00005	.00000	.00000	.00000	.00000	.00020	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 135/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	14.59200	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	-4.000	14.59500	.00000	.00000	.00000	55.00000	.03660	.00000	.00000	.00000	.00000
2.500	-3.011	14.59400	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	-1.985	14.59600	.00000	.00000	.00000	55.00000	.04223	.00000	.00000	.00000	.00000
2.500	-1.021	14.59900	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	.019	14.60100	.00000	.00000	.00000	55.00000	.04223	.00000	.00000	.00000	.00000
2.500	.965	14.60100	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	1.987	14.60400	.00000	.00000	.00000	55.00000	.04223	.00000	.00000	.00000	.00000
2.500	2.970	14.59900	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	4.011	14.59900	.00000	.00000	.00000	55.00000	.04223	.00000	.00000	.00000	.00000
2.500	6.013	14.59300	.00000	.00000	.00000	55.00000	.03941	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00082	.00000	.00000	.00000	.00000	.00038	.00000	.00000	.00000	.00000

RUN NO. 152/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.67400	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-4.000	14.67400	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-3.011	14.67500	.00000	.00000	.00000	55.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-1.966	14.67600	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	-1.021	14.67400	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	.000	14.67500	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	.965	14.67600	.00000	.00000	.00000	55.00000	-.00918	.00000	.00000	.00000	.00000
3.500	1.987	14.67700	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	2.970	14.67800	.00000	.00000	.00000	55.00000	-.00912	.00000	.00000	.00000	.00000
3.500	3.992	14.68100	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	6.013	14.68300	.00000	.00000	.00000	55.00000	-.00612	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00069	.00000	.00000	.00000	.00000	-.00113	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A031) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 161/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	14.58100	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-4.000	14.58100	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-2.992	14.58100	.00000	.00000	.00000	55.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-1.985	14.57900	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-1.021	14.58100	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	-.019	14.58100	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	.984	14.58100	.00000	.00000	.00000	55.00000	-.03365	.00000	.00000	.00000	.00000
4.000	1.968	14.58200	.00000	.00000	.00000	55.00000	-.02753	.00000	.00000	.00000	.00000
4.000	2.970	14.58300	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	4.011	14.59000	.00000	.00000	.00000	55.00000	-.03059	.00000	.00000	.00000	.00000
4.000	6.013	14.59100	.00000	.00000	.00000	55.00000	.00066	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00081	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 173/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.63900	.00000	.00000	.00000	55.00000	-.01530	.00000	.00000	.00000	.00000
4.500	-4.000	14.63800	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.500	-3.011	14.63600	.00000	.00000	.00000	55.00000	-.01224	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00202	.00000	.00000	.00000	-.00001	.00000	.00000	.00000	.00000	.00000

DATE 25 JUN 80

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LAI31,MODEL 106-0. SILTS ON, SB CAVITY OPEN

(27A032) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 5.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

RUN NO. 137/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.213	4.60060	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-11.689	4.59890	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-9.853	4.59430	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-8.248	4.59310	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-6.581	4.58910	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-4.910	4.58680	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-3.279	4.58160	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-1.761	4.57410	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.848	4.56890	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.025	4.56720	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.897	4.57010	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	1.688	4.57470	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.00244	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 153/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.272	4.61970	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-11.662	4.61910	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-9.853	4.61740	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-8.248	4.61560	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-6.599	4.61560	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-4.910	4.61330	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-3.272	4.61330	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-1.817	4.61280	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.892	4.61220	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.034	4.61220	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	.921	4.61160	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	1.660	4.61160	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.00030	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 BETA = .000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.218	9.61610	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-11.666	9.61670	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-10.188	9.61430	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-9.812	9.61260	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-6.585	9.60680	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-4.910	9.60330	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-3.269	9.59110	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-1.769	9.58580	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.868	9.58580	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.021	9.58640	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	.900	9.58760	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	1.712	9.58930	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.00189	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.227	9.61690	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-11.680	9.61630	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-9.816	9.61460	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-8.209	9.61510	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-6.577	9.61510	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-4.893	9.61460	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-3.231	9.61460	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-1.776	9.61570	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.826	9.61750	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	.011	9.61920	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	.911	9.61980	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	1.712	9.61920	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
	GRADIENT	.00091	-.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 55.000 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.240	19.63300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-11.685	19.63200	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-9.840	19.62800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-8.258	19.62700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-6.581	19.62900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-4.906	19.62700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-3.275	19.62600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-1.776	19.62500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	-.906	19.62700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.006	19.62800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	.900	19.62500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	1.677	19.62500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00017	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.276	19.69100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-11.653	19.68900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-9.840	19.68700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-8.277	19.68800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-6.596	19.68600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-4.903	19.68600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-3.250	19.68400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-1.787	19.68400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.820	19.68500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	-.046	19.68300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	.897	19.68100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	1.665	19.67800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00097	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.245	18.58100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-11.680	18.58100	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-9.829	18.58000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-8.227	18.57900	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-6.577	18.58000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-4.910	18.57800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-3.217	18.57700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-1.787	18.57700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	-.882	18.57700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	.031	18.57600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	.907	18.57600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	1.723	18.57400	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.000048	-.000000	.000000	.000000	.000000	-.000000	.000000	.000000	.000000	.000000

GRADIENT INTERVAL =	-5.00/	5.00
ELV-LO	.00000	.00000
ELV-RO	.00000	.00000
ELV-LI	.00000	.00000
ELV-RI	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.263	19.67800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-11.685	19.67800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-9.824	19.67800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-8.209	19.67800	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-6.589	19.67700	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-4.899	19.67600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-3.235	19.67600	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-1.802	19.67500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.877	19.67500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	-.024	19.67500	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	.911	19.67300	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	1.717	19.67000	.00000	.00000	.00000	.00000	55.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.000075	.000000	.000000	.000000	.000000	-.000000	.000000	.000000	.000000	.000000

GRADIENT INTERVAL =	-5.00/	5.00
ELV-LO	.00000	.00000
ELV-RO	.00000	.00000
ELV-LI	.00000	.00000
ELV-RI	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 212/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.470	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-1.433	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	1.587	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	3.571	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	4.544	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
2.500	5.628	.00000	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	7.618	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	9.563	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	11.607	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
2.500	12.594	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	13.544	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	14.598	.00000	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	15.610	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	16.538	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	17.558	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	19.549	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	23.596	.00000	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	24.609	.00000	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
2.500	27.612	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	31.722	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	-.00000	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 174/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.354	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	-1.318	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	1.642	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	3.603	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	4.681	.00000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
3.500	5.674	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	7.628	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	9.658	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	11.666	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	12.647	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	13.652	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	14.635	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	15.611	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	16.680	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	17.648	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	19.635	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	23.672	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	24.612	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	27.712	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	31.717	.00000	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00009	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY-OPEN

(27A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 186/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.428	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-.389	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	1.623	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	3.609	.00000	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.000	4.539	.00000	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.000	5.614	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	7.617	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	9.553	.00000	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
4.000	11.585	.00000	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
4.000	12.627	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	13.551	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	14.517	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	15.574	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	16.569	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	17.528	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	19.586	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	23.536	.00000	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
4.000	24.577	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	27.642	.00000	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	31.599	.00000	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00086	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A036) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AIRLON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.383	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	-1.383	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	1.564	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	3.674	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	4.667	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	5.595	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	7.604	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	9.641	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	11.592	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	12.654	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	13.661	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	14.659	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	15.645	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	16.628	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	17.636	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	19.629	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	23.690	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	24.613	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	27.593	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	31.699	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00000	.00000	.00000	.00000	.00000	-.00006	.00000	.00000	.00000	.00000

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REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 213/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.481	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	-4.31	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	1.518	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	3.566	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	4.585	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	5.634	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	7.560	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	11.624	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	12.578	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	13.587	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	14.570	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	15.566	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	16.598	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	17.593	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	19.566	1.98670	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
2.500	23.629	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	24.592	1.98670	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	27.633	1.98670	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
2.500	31.604	1.98670	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00003	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A037) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 175/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.321	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	-1.361	.00000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	1.540	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	3.702	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	4.618	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	5.687	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	7.675	1.96780	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	9.628	1.96780	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	11.615	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	12.602	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	13.662	1.96780	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
3.500	14.618	1.96780	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	15.638	1.96780	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
3.500	16.648	1.96780	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
3.500	17.632	1.96780	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	19.639	1.96780	.00000	.00000	.00000	70.00000	.00282	.00000	.00000	.00000	.00000
3.500	23.664	1.96780	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
3.500	24.646	1.96780	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
3.500	27.684	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	31.630	1.96780	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	.10953	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

DATE 25 JUN 80 LA131 (LARC UPWT 1299) LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN (27A037) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
AILRON = .000 BDFLAP = .000
SPDBRK = 70.000 RUDDER = .000

RUN NO. 187/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.398	1.96780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	-.436	1.96780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	1.612	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	3.604	1.96780	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	4.663	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	5.540	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	7.585	1.96780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	9.590	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	11.535	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	12.572	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	13.540	1.96780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	14.584	1.96780	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	15.494	1.96780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	16.573	1.96780	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	17.571	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	19.563	1.96780	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	23.552	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	24.556	1.96780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.000	27.575	1.96780	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	31.620	1.96780	.00000	.00000	.00000	70.00000	-.00072	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00000	.00000	.00000	.00000	-.00000					

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A037) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.416	1.98670	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	-.346	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	1.527	1.98670	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	3.618	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	4.621	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	5.586	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	7.697	1.98670	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	9.640	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	11.624	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	12.687	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	13.598	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	14.597	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	15.636	1.98670	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	16.586	1.98670	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	17.623	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	19.618	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	23.592	1.98670	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	24.634	1.98670	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	27.667	1.98670	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	31.701	1.98670	.00000	.00000	.00000	70.00000	-.00034	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000					

C-6

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A038) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000
 AILRON = .000
 SPDBRK = 70.000
 ELEVON = .000
 BDFLAP = .000
 RUDDER = -4.930

RUN NO. 176/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.421	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	-.386	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	1.571	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	3.708	.00000	.00000	.00000	.00000	70.00000	-4.95137	.00000	.00000	.00000	.00000
3.500	4.687	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	5.644	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	7.617	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	9.645	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	11.625	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	12.637	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	13.603	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	14.631	.00000	.00000	.00000	.00000	70.00000	-4.94379	.00000	.00000	.00000	.00000
3.500	15.629	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	16.597	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	17.614	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	19.652	.00000	.00000	.00000	.00000	70.00000	-4.95516	.00000	.00000	.00000	.00000
3.500	23.621	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	24.642	.00000	.00000	.00000	.00000	70.00000	-4.94758	.00000	.00000	.00000	.00000
3.500	27.688	.00000	.00000	.00000	.00000	70.00000	-4.95895	.00000	.00000	.00000	.00000
3.500	31.697	.00000	.00000	.00000	.00000	70.00000	-4.94008	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00000	.00000	.00000	.00000	.00000	-.00025	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A038) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = -4.930

RUN NO. 188/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.455	.00000	.00000	.00000	.00000	70.00000	-4.92493	.00000	.00000	.00000	.00000
4.000	-1.386	.00000	.00000	.00000	.00000	70.00000	-4.92493	.00000	.00000	.00000	.00000
4.000	1.588	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	3.597	.00000	.00000	.00000	.00000	70.00000	-4.92493	.00000	.00000	.00000	.00000
4.000	4.539	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	5.553	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	7.618	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	9.566	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	11.527	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	12.618	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	13.533	.00000	.00000	.00000	.00000	70.00000	-4.92493	.00000	.00000	.00000	.00000
4.000	14.591	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	15.580	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	16.556	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	17.550	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	19.582	.00000	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.000	23.627	.00000	.00000	.00000	.00000	70.00000	-4.92872	.00000	.00000	.00000	.00000
4.000	24.555	.00000	.00000	.00000	.00000	70.00000	-4.92872	.00000	.00000	.00000	.00000
4.000	27.543	.00000	.00000	.00000	.00000	70.00000	-4.92872	.00000	.00000	.00000	.00000
4.000	31.614	.00000	.00000	.00000	.00000	70.00000	-4.92872	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00000	.00000	.00000	.00000	.00000	.00039	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = -4.930

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.321	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	-.358	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	1.561	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	3.638	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	4.658	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	5.606	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	7.672	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	9.626	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	11.657	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	12.648	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	13.623	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	14.627	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	15.597	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	16.581	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	17.651	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	19.611	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	23.701	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	24.642	-.01890	.00000	.00000	.00000	70.00000	-4.91743	.00000	.00000	.00000	.00000
4.500	27.642	-.01890	.00000	.00000	.00000	70.00000	-4.92114	.00000	.00000	.00000	.00000
4.500	31.613	-.01890	.00000	.00000	.00000	70.00000	-4.91364	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00000	.00000	.00000	.00000	-.00000	-.00002	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A039) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 215/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.62850	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
2.500	-3.981	9.62560	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
2.500	-3.011	9.62040	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
2.500	-1.966	9.62210	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
2.500	-1.002	9.61280	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
2.500	.000	9.61510	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
2.500	.965	9.61800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
2.500	1.987	9.62090	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
2.500	2.970	9.62560	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	4.011	9.63490	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
2.500	6.013	9.64360	.00000	.00000	.00000	70.00000	-.00563	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00094	.00000	.00000	.00000	-.00000	.00200	.00000	.00000	.00000	.00000

RUN NO. 177/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.63810	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
3.500	-4.000	9.63700	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
3.500	-3.011	9.63170	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
3.500	-1.985	9.62240	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
3.500	-1.002	9.62300	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
3.500	.984	9.62180	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
3.500	1.987	9.62420	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
3.500	2.988	9.62710	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
3.500	4.011	9.65040	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
3.500	6.013	9.65330	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00071	.00000	.00000	.00000	-.00000	.00061	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A039) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1075.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 189/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.58470	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-4.000	9.58760	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	-2.992	9.58760	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-1.985	9.58820	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	-1.021	9.58820	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	-.019	9.58580	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	1.004	9.59170	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	1.949	9.59520	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	2.988	9.59340	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	4.030	9.59860	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	5.995	9.59980	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00132	.00000	.00000	.00000	-.00000	-.00051	.00000	.00000	.00000	.00000

RUN NO. 201/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.66630	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	-4.000	9.66630	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	-3.011	9.66740	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	-1.966	9.66860	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	-1.002	9.66980	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-.019	9.67090	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	.965	9.66630	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	1.968	9.66390	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	2.988	9.66280	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	4.011	9.66280	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	6.013	9.66390	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00068	.00000	.00000	.00000	-.00000	-.00026	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A040) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 216/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	14.57100	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-4.919	14.57000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
2.500	-2.992	14.57600	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
2.500	-1.985	14.57700	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	-1.115	14.58000	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	-.019	14.58200	.00000	.00000	.00000	70.00000	.00563	.00000	.00000	.00000	.00000
2.500	.984	14.58400	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
2.500	1.987	14.58300	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
2.500	2.970	14.57900	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
2.500	4.011	14.57700	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
2.500	6.032	14.57300	.00000	.00000	.00000	70.00000	-.00036	.00000	.00000	.00000	.00000
	GRADIENT	.00088	.00000	.00000	.00000	-.00000					

RUN NO. 178/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.65900	.00000	.00000	.00000	70.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-4.000	14.66100	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-3.011	14.66100	.00000	.00000	.00000	70.00000	-.01836	.00000	.00000	.00000	.00000
3.500	-1.985	14.66000	.00000	.00000	.00000	70.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.002	14.66300	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-.019	14.66200	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	1.004	14.66100	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	1.987	14.66000	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	2.988	14.66100	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	4.011	14.66300	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	6.013	14.66600	.00000	.00000	.00000	70.00000	-.00612	.00000	.00000	.00000	.00000
	GRADIENT	.00010	.00000	.00000	.00000	-.00000					

LA131, MODEL 105-0, SILTS OFF, SB CAVITY OPEN

(27A040) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = 0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 190/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	13.58900	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-4.019	13.58600	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-3.030	13.58600	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-1.985	13.58400	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-1.021	13.58400	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	.965	13.58100	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	1.949	13.58200	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	2.970	13.58200	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	3.992	13.58300	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	5.995	13.58400	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
	GRADIENT	-.00052	.00000	.00000	.00000	-.00000	.00015	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.68200	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-4.019	14.68000	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-3.011	14.68000	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-1.985	14.67800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-1.002	14.67600	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	.965	14.67300	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	1.968	14.67300	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	2.988	14.67500	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	4.011	14.67800	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
4.500	6.013	14.67800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
	GRADIENT	-.00060	.00000	.00000	.00000	-.00000	.00021	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A041) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 217/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	19.55900	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
2.500	-4.000	19.56600	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
2.500	-3.011	19.57100	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
2.500	-1.966	19.56900	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
2.500	-1.002	19.57500	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
2.500	-.019	19.57600	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	.984	19.57700	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
2.500	1.968	19.57500	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
2.500	2.970	19.57300	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
2.500	4.011	19.57400	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
2.500	6.032	19.56300	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00087	.00000	.00000	.00000	.00000	.00061	.00000	.00000	.00000	.00000

RUN NO. 179/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	19.68100	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-3.962	19.68100	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-3.011	19.68500	.00000	.00000	.00000	70.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.966	19.68700	.00000	.00000	.00000	70.00000	-.01530	.00000	.00000	.00000	.00000
3.500	-1.002	19.69100	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	.000	19.69200	.00000	.00000	.00000	70.00000	-.00612	.00000	.00000	.00000	.00000
3.500	.965	19.68800	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	1.968	19.69000	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	2.970	19.68500	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	4.011	19.68500	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	5.995	19.68100	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00032	.00000	.00000	.00000	.00000	.00057	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A041) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 191/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	19.57400	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-4.019	19.57500	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-2.992	19.57900	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-2.004	19.58000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-1.002	19.58000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-.019	19.58100	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	.965	19.58100	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	2.006	19.58100	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	2.970	19.58000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	3.992	19.57700	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	6.032	19.57800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00023	.00000	.00000	.00000	.00000	.00031	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-5.982	19.63800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-4.000	19.63700	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
4.500	-3.011	19.63800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-1.985	19.63800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-1.002	19.63900	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	.000	19.63800	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
4.500	.965	19.63800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	2.006	19.63800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	2.970	19.63700	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	4.011	19.63700	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	5.919	19.63800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00007	.00000	.00000	.00000	-.00000	.00020	.00000	.00000	.00000	.00000

LA131.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A042) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	24.63300	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
2.500	-4.000	24.63900	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	-3.011	24.64100	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	-1.985	24.63700	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	-1.002	24.63800	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	.984	24.63700	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
2.500	1.968	24.63800	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	2.988	24.63500	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	4.011	24.63400	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	6.013	24.62700	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
	GRADIENT	-.00075	.00000	.00000	.00000	-.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 218/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 180/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	24.67500	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	-4.000	24.67800	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-3.011	24.67600	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-1.985	24.67800	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	-1.002	24.67800	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	.965	24.68000	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	1.968	24.67800	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
3.500	2.970	24.67500	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	4.011	24.67500	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
3.500	6.013	24.66900	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
	GRADIENT	-.00019	.00000	.00000	.00000	-.00000	-.00000	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27AD42) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 192/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	24.59700	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-4.019	24.59700	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-3.030	24.59900	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-1.985	24.60000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-.983	24.60100	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-.019	24.60200	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	.968	24.60200	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	1.988	24.59800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	4.011	24.59900	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	5.995	24.59100	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
	GRADIENT	.00017	.00000	.00000	.00000	-.00000	.00025	.00000	.00000	.00000	.00000

RUN NO. 204/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	24.62900	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
4.500	-4.000	24.63300	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-3.011	24.63100	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
4.500	-2.004	24.63200	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	-1.002	24.63100	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	.000	24.63000	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
4.500	.984	24.62800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	1.987	24.62800	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	2.988	24.62700	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
4.500	4.011	24.62500	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
4.500	6.013	24.62400	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
	GRADIENT	-.00092	.00000	.00000	.00000	.00000	-.00005	.00000	.00000	.00000	.00000

DATE 25 JUN 80

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LA131.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A044) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 BETA = .000

RUN NO. 205/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.254	9.67270	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-11.698	9.67210	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-9.948	9.67030	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-8.240	9.67150	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-6.606	9.67030	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-4.929	9.66980	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-3.285	9.67150	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-1.798	9.67270	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.897	9.67380	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.024	9.67380	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	.865	9.67380	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	1.665	9.67560	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
	GRADIENT	.00078	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 221/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.259	19.61100	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-11.689	19.61000	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-9.960	19.60600	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-8.254	19.60800	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-6.585	19.60800	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-4.903	19.61000	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-3.254	19.60400	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-1.806	19.60500	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-.872	19.60500	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-.037	19.60700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	.876	19.60300	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	1.654	19.60200	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00085	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 183/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.281	19.69100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-11.702	19.69100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-9.820	19.69200	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-8.269	19.69100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-6.599	19.69000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-4.917	19.68800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-3.272	19.68800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-1.882	19.68600	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-.046	19.68600	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	.876	19.68100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	1.683	19.68000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00124	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

DATE 25 JUN 80

LAI31 (LARC UPHT 1299)

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A047) (24 JUN 80)

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
A1LRON = .000 BOFLAP = .000
SPOBRK = 70.000 BETA = .000

REFERENCE DATA

SREF = 2690.000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 222/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	A1LRON	BOFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-13.286	24.59700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-11.698	24.59700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-9.981	24.59700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-8.277	24.59500	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-6.596	24.59400	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-4.910	24.59600	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-3.239	24.59500	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-2.801	24.59700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-1.802	24.59700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-.844	24.59700	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	-.006	24.59500	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	.858	24.59900	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	1.619	24.59900	.01930	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00044	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 184/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	A1LRON	BOFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-13.299	24.66000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-11.662	24.66100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-9.848	24.66100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-8.254	24.66000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-6.603	24.65100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-4.914	24.66000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-3.275	24.65900	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-1.821	24.65900	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-.877	24.66000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	-.012	24.65900	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	.876	24.66000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	1.688	24.65800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00013	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LA131, MODEL 105-0, SILTS OFF, SB CAVITY OPEN (27A047) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 70.000
 SCALE = .0200 ALPHA = 25.000
 AILRON = .000
 SPDBRK = 70.000

RUN NO. 196/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.281	24.58000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-11.712	24.58100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-9.840	24.58000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-8.265	24.58000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-6.606	24.58100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-4.936	24.58100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-3.302	24.58200	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-1.769	24.58200	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-.868	24.58100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-.052	24.58200	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	.886	24.58200	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	1.683	24.58000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00007	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 208/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.286	24.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-11.685	24.64100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-9.853	24.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-8.258	24.64100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-6.585	24.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-4.929	24.63800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-3.302	24.63800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-1.906	24.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.072	24.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	.865	24.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	1.648	24.63800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00018	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

LAI31.MODEL 106-0. SILTS OFF, SB CAVITY OPEN

(27A049) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 32.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 BETA = .000

PARAMETRIC DATA

RUN NO. 209/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.290	31.64300	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-11.707	31.63900	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-9.953	31.64300	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-8.273	31.64100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-6.610	31.64100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-4.929	31.64300	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-3.257	31.63900	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-1.784	31.63800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.901	31.63900	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.034	31.63600	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	.883	31.64000	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	1.671	31.64100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.00031	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A050) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 224/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDDBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.504	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	- .401	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	1.593	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	3.555	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	4.557	.01930	.00000	.00000	.00000	70.00000	-.06118	.00000	.00000	.00000	.00000
2.500	5.575	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	7.608	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	9.623	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	11.615	.01930	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
2.500	12.583	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	13.627	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	14.622	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	15.584	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	16.621	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	17.611	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	19.570	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	23.622	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	24.662	.01930	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	27.596	.01930	.00000	.00000	.00000	70.00000	-.05506	.00000	.00000	.00000	.00000
2.500	31.618	.01930	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	70.00000	-.00055	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A050) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 232/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.343	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	-.400	.00000	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
3.500	1.582	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	3.702	.00000	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
3.500	4.682	.00000	.00000	.00000	.00000	70.00000	-.04895	.00000	.00000	.00000	.00000
3.500	5.643	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	7.662	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	9.667	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	11.677	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	12.706	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	13.721	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	14.650	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	15.651	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	16.647	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	17.647	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
3.500	19.700	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	23.702	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	24.715	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	27.698	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	31.724	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00068	.00000	.00000	.00000	.00000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 240/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.461	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-.440	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	1.502	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	3.576	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	4.547	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	5.615	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	7.595	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	9.561	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	11.583	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	12.567	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	13.574	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	14.553	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	15.552	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	16.550	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	17.603	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	19.562	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	23.589	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	24.587	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	27.593	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.000	31.643	.00000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	.00065	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A050) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 248/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.418	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	-.398	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	1.563	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	3.613	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	4.642	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	5.643	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	7.604	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	9.655	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	11.598	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	12.608	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	13.638	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	14.643	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	15.618	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	16.615	.00000	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.500	17.590	.00000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.500	19.631	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	23.600	.00000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	24.621	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	27.618	.00000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	31.699	.00000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00003	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF, SB CAVITY CLOSED

(27A051) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 225/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.60700	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
2.500	-3.981	9.60580	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	-2.992	9.60580	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
2.500	-1.985	9.60290	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
2.500	-1.021	9.59590	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
2.500	.000	9.59650	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
2.500	.984	9.59880	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
2.500	2.006	9.60700	.00000	.00000	.00000	70.00000	-.01836	.00000	.00000	.00000	.00000
2.500	2.970	9.61050	.00000	.00000	.00000	70.00000	-.01224	.00000	.00000	.00000	.00000
2.500	4.011	9.61920	.00000	.00000	.00000	70.00000	-.00612	.00000	.00000	.00000	.00000
2.500	5.995	9.63030	.00000	.00000	.00000	70.00000	-.05201	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00132	.00000	.00000	.00000	.00000	.00225	.00000	.00000	.00000	.00000

RUN NO. 233/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.67360	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
3.500	-4.019	9.67070	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-2.992	9.66900	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-1.985	9.66320	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-1.002	9.66370	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	.965	9.65970	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	1.987	9.66370	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	2.970	9.66490	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	3.992	9.68760	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
3.500	5.919	9.69230	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00088	.00000	.00000	.00000	.00000	.00112	.00000	.00000	.00000	.00000

LAI31, MODEL 105-0, SILTS OFF, SB CAVITY CLOSED

(27A051) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 241/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.58350	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	-4.000	9.58180	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-3.011	9.58060	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-2.004	9.58060	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-1.002	9.58060	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	.000	9.58000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	.984	9.58410	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	1.968	9.58700	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	2.988	9.58820	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	4.011	9.59170	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	6.013	9.59170	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00131	.00000	.00000	.00000	.00000	.00041	.00000	.00000	.00000	.00000

RUN NO. 249/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-5.982	9.63900	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	-4.000	9.63780	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	-3.011	9.63950	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	-1.985	9.64070	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.500	-1.021	9.64240	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	.000	9.64300	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.500	.984	9.64010	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.500	1.987	9.63780	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	2.988	9.63720	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.500	4.011	9.63780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.500	6.013	9.63780	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00025	.00000	.00000	.00000	.00000	.00051	.00000	.00000	.00000	.00000

(27A052) (24 JUN 80)

LA131, MODEL 105-0, SILTS OFF, SB CAVITY CLOSED

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 226/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	14.58300	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
2.500	-4.000	14.58500	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-2.973	14.58700	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-1.985	14.58600	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-1.002	14.59300	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-.019	14.59200	.00000	.00000	.00000	70.00000	-.00612	.00000	.00000	.00000	.00000
2.500	.965	14.59400	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	1.795	14.59200	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	2.988	14.58700	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	4.030	14.58700	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	5.995	14.58000	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	GRADIENT	.000034	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 234/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-5.982	14.68300	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-4.000	14.68300	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	-3.011	14.68100	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	-1.985	14.68300	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-.983	14.68400	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	-.019	14.68400	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	.984	14.68300	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	1.987	14.68300	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	2.970	14.68200	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	3.992	14.68600	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	5.938	14.68700	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
3.500	GRADIENT	.000025	.00000	.00000	.00000	-.00000	.00030	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A052) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 242/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	14.58000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-4.000	14.58000	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-3.011	14.57900	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-1.985	14.57800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	-1.002	14.58000	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	.000	14.57800	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	.984	14.57800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	1.987	14.57800	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	2.988	14.58100	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.000	4.011	14.58400	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	6.013	14.58700	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
	GRADIENT	.00033	.00000	.00000	.00000	-.00000	.00066	.00000	.00000	.00000	.00000

RUN NO. 250/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.64700	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	-4.000	14.64500	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	-2.992	14.64600	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	-1.985	14.64100	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	-1.002	14.64000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	.000	14.63900	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	.965	14.63800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	1.987	14.63700	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	2.988	14.63900	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.500	4.011	14.64000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	6.013	14.64200	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
	GRADIENT	-.00085	.00000	.00000	.00000	-.00000	.00020	.00000	.00000	.00000	.00000

DATE 25 JUN 80

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LAI31 MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A053) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 227/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	19.57400	.00000	.00000	.00000	70.00000	-.00612	.00000	.00000	.00000	.00000
2.500	-4.000	19.57300	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-3.011	19.56800	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	-2.004	19.56800	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	-1.021	19.57200	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	.984	19.57100	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	1.988	19.57700	.00000	.00000	.00000	70.00000	-.00306	.00000	.00000	.00000	.00000
2.500	2.988	19.57400	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	4.011	19.57300	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
2.500	6.013	19.56400	.00000	.00000	.00000	70.00000	-.00000	.00000	.00000	.00000	.00000
	GRADIENT	.000075	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 235/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	19.63700	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
3.500	-4.000	19.63800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	-2.992	19.64300	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	-2.004	19.64400	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	-1.002	19.64300	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	.984	19.64400	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
3.500	1.987	19.64300	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	2.970	19.64000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
3.500	4.030	19.63800	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
3.500	5.995	19.63500	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
	GRADIENT	-.00025	.00000	.00000	.00000	.00000	.00030	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 243/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	19.57400	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	-4.000	19.57400	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	-3.011	19.57500	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	-1.985	19.57700	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	-1.002	19.57700	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	.000	19.57700	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	.984	19.57800	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	1.987	19.57800	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	3.007	19.57700	.00000	.00000	.00000	70.00000	-.04589	.00000	.00000	.00000	.00000
4.000	4.011	19.57600	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
4.000	6.013	19.57800	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00028	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 251/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	19.65800	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	-4.000	19.65900	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
4.500	-3.011	19.66000	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	-1.985	19.65900	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	-1.002	19.66000	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
4.500	-.019	19.66000	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	.984	19.65800	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
4.500	1.968	19.65800	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	2.970	19.65800	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	4.011	19.65700	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	6.013	19.65800	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00030	.00000	.00000	.00000	-.00000	.00046	.00000	.00000	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY CLOSED

(27A055) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.000 BETA = .000

RUN NO. 245/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-13.286	14.59800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-11.685	14.59600	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-9.909	14.59500	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-8.293	14.59500	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-6.606	14.59400	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-4.925	14.59400	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-3.285	14.59100	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-1.806	14.58800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-.950	14.58800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	-.055	14.58800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	.861	14.58800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	1.654	14.58700	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00097	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 253/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-13.272	14.64800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-11.707	14.64800	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-9.824	14.64700	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-8.305	14.64600	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-6.610	14.64400	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-4.940	14.64600	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-3.285	14.64500	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.940	14.64500	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	-.021	14.64400	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	.872	14.64300	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	1.584	14.64300	.00000	.00000	.00000	.00000	70.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00044	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 257/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	9.60230	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
2.500	-4.000	9.59650	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
2.500	-2.973	9.59650	.00000	.00000	.00000	70.00000	-.03365	.00000	.00000	.00000	.00000
2.500	-1.985	9.59300	.00000	.00000	.00000	70.00000	-.04283	.00000	.00000	.00000	.00000
2.500	-1.021	9.58720	.00000	.00000	.00000	70.00000	-.03671	.00000	.00000	.00000	.00000
2.500	-.019	9.58660	.00000	.00000	.00000	70.00000	-.03977	.00000	.00000	.00000	.00000
2.500	1.004	9.59070	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
2.500	1.987	9.59470	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
2.500	2.988	9.60060	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	4.011	9.60580	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	6.013	9.62090	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00095	.00000	.00000	.00000	.00000	.00164	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 258/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	14.59300	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
2.500	-4.000	14.59500	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	-2.992	14.59500	.00000	.00000	.00000	70.00000	-.03059	.00000	.00000	.00000	.00000
2.500	-1.985	14.59900	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
2.500	-1.021	14.60300	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
2.500	-.019	14.60500	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	.984	14.60600	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
2.500	1.987	14.60400	.00000	.00000	.00000	70.00000	-.02447	.00000	.00000	.00000	.00000
2.500	2.988	14.60300	.00000	.00000	.00000	70.00000	-.02141	.00000	.00000	.00000	.00000
2.500	4.011	14.59900	.00000	.00000	.00000	70.00000	-.02753	.00000	.00000	.00000	.00000
2.500	6.013	14.59700	.00000	.00000	.00000	70.00000	-.00918	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00088	.00000	.00000	.00000	.00000	.00046	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A065) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 263/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.479	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	-1.455	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	1.551	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	3.578	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	4.597	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	5.584	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	7.558	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	9.617	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	11.555	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	12.544	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	13.589	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	14.593	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	15.615	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	16.625	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	17.585	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	19.556	.00000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	23.632	.00000	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	24.604	.00000	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	27.625	.00000	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	31.564	.00000	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00002	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN (27A065) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LPEF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 275/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.375	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	-.397	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	1.558	-.01890	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
3.500	3.638	-.01890	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
3.500	4.633	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	5.676	-.01890	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	7.630	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	9.658	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	11.698	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	12.694	-.01890	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
3.500	13.629	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	14.651	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	15.676	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	16.632	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	17.668	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	19.700	-.01890	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	23.716	-.01890	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	24.719	-.01890	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	27.682	-.01890	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	31.699	-.01890	.00000	.00000	.00000	87.50000	.00046	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000					

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A065) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 300/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.388	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	-1.374	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	1.625	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	3.707	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	4.652	.00000	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	5.612	.00000	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	7.617	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	9.607	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	11.638	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	12.654	.00000	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	13.632	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	14.656	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	15.623	.00000	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	16.591	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	17.618	.00000	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	19.583	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	23.628	.00000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	24.614	.00000	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	27.683	.00000	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	31.716	.00000	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	.00029	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A066) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 AILRON =
 SPDBRK =

2.000 ELEVON = .000
 .000 BDFLAP = .000
 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 276/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.345	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	-.358	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	1.622	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	3.657	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	4.609	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	5.623	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	7.650	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	9.605	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	11.651	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	12.671	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	13.631	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	14.638	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	15.590	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	16.607	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	17.718	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
3.500	19.645	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
3.500	23.647	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	24.623	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	27.666	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
3.500	31.693	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00016	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 ATLRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 289/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	ATLRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.437	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	-1.467	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	1.526	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	3.551	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	4.602	-1.26630	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	5.600	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	7.549	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	9.599	1.98670	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	11.525	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	12.561	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	13.633	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	14.590	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	15.627	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	16.559	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	17.557	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
4.000	19.584	1.98670	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	23.557	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
4.000	24.653	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
4.000	27.553	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
4.000	31.616	1.98670	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
4.000	GRADIENT	- .31674	.00000	.00000	.00000	- .00000	.00058	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(27A066) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 301 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.406	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	-.372	1.98670	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.500	1.533	1.98670	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	3.738	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	4.659	1.98670	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	5.673	1.98670	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	7.679	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	9.719	1.98670	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
4.500	11.623	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	12.620	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	13.645	1.98670	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.500	14.641	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	15.619	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	16.607	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	17.614	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	19.598	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	23.647	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	24.660	1.98670	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.500	27.707	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	31.708	1.98670	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	.00064	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27AD67) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA =
 AILRON =
 SPDBRK =

.000 ELEVON = .000
 .000 BDFLAP = .000
 87.200 RUDDER = -4.930

PARAMETRIC DATA

RUN NO. 265/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.438	.00000	.00000	.00000	.00000	87.50000	-4.89601	.00000	.00000	.00000	.00000
2.500	-1.464	.00000	.00000	.00000	.00000	87.50000	-4.89601	.00000	.00000	.00000	.00000
2.500	1.562	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	3.566	.00000	.00000	.00000	.00000	87.50000	-4.88934	.00000	.00000	.00000	.00000
2.500	4.599	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	5.557	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	7.544	.00000	.00000	.00000	.00000	87.50000	-4.88934	.00000	.00000	.00000	.00000
2.500	9.556	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	11.583	.00000	.00000	.00000	.00000	87.50000	-4.88934	.00000	.00000	.00000	.00000
2.500	12.617	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	13.551	.00000	.00000	.00000	.00000	87.50000	-4.88934	.00000	.00000	.00000	.00000
2.500	14.631	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	15.654	.00000	.00000	.00000	.00000	87.50000	-4.88934	.00000	.00000	.00000	.00000
2.500	16.550	.00000	.00000	.00000	.00000	87.50000	-4.89601	.00000	.00000	.00000	.00000
2.500	17.630	.00000	.00000	.00000	.00000	87.50000	-4.89601	.00000	.00000	.00000	.00000
2.500	19.549	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	23.642	.00000	.00000	.00000	.00000	87.50000	-4.89272	.00000	.00000	.00000	.00000
2.500	24.568	.00000	.00000	.00000	.00000	87.50000	-4.89601	.00000	.00000	.00000	.00000
2.500	27.556	.00000	.00000	.00000	.00000	87.50000	-4.88596	.00000	.00000	.00000	.00000
2.500	31.709	.00000	.00000	.00000	.00000	87.50000	-4.88596	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00078	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(27A067) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

RUN NO. 277/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.416	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	- .347	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	1.643	.00000	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
3.500	3.643	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	4.657	.00000	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
3.500	5.659	.00000	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
3.500	7.639	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	9.639	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	11.642	.00000	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
3.500	12.649	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	13.610	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	14.630	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	15.622	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	16.613	.00000	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
3.500	17.632	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	19.608	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	23.704	.00000	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
3.500	24.633	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	27.642	.00000	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
3.500	31.692	.00000	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00034	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A067) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BRF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 87.200 RUDDER = -4.930

RUN NO. 290/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.444	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	-1.439	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	1.989	.01930	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
4.000	3.958	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	4.596	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	5.583	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	7.636	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	9.584	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	11.617	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	12.552	.01930	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
4.000	13.551	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	14.561	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	15.602	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	16.563	.01930	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
4.000	17.595	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	19.616	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	23.659	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	24.568	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	27.535	.01930	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
4.000	31.560	.01930	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00002	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A067) (24 JUN,80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = -4.930

RUN NO. 302/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.399	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	-.323	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	1.573	.01930	.00000	.00000	.00000	87.50000	-4.93629	.00000	.00000	.00000	.00000
4.500	3.603	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	4.675	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	5.656	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	7.624	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	9.628	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	11.632	.01930	.00000	.00000	.00000	87.50000	-4.93629	.00000	.00000	.00000	.00000
4.500	12.682	.01930	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
4.500	13.616	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	14.590	.01930	.00000	.00000	.00000	87.50000	-4.93629	.00000	.00000	.00000	.00000
4.500	15.598	.01930	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
4.500	16.590	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	17.649	.01930	.00000	.00000	.00000	87.50000	-4.93629	.00000	.00000	.00000	.00000
4.500	19.592	.01930	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
4.500	23.626	.01930	.00000	.00000	.00000	87.50000	-4.93251	.00000	.00000	.00000	.00000
4.500	24.611	.01930	.00000	.00000	.00000	87.50000	-4.93629	.00000	.00000	.00000	.00000
4.500	27.638	.01930	.00000	.00000	.00000	87.50000	-4.92872	.00000	.00000	.00000	.00000
4.500	31.629	.01930	.00000	.00000	.00000	87.50000	-4.93629	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00000	.00000	.00000	.00000	-.00000	-.00003	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A068) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 266/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.61920	.00000	.00000	.00000	87.50000	-.05812	.00000	.00000	.00000	.00000
2.500	-4.019	9.62150	.00000	.00000	.00000	87.50000	-.05812	.00000	.00000	.00000	.00000
2.500	-3.011	9.62330	.00000	.00000	.00000	87.50000	-.05506	.00000	.00000	.00000	.00000
2.500	-1.985	9.62090	.00000	.00000	.00000	87.50000	-.05201	.00000	.00000	.00000	.00000
2.500	-1.002	9.61860	.00000	.00000	.00000	87.50000	-.05506	.00000	.00000	.00000	.00000
2.500	-.019	9.61740	.00000	.00000	.00000	87.50000	-.05201	.00000	.00000	.00000	.00000
2.500	.965	9.61450	.00000	.00000	.00000	87.50000	-.05201	.00000	.00000	.00000	.00000
2.500	1.987	9.62040	.00000	.00000	.00000	87.50000	-.04283	.00000	.00000	.00000	.00000
2.500	2.970	9.62850	.00000	.00000	.00000	87.50000	-.03365	.00000	.00000	.00000	.00000
2.500	3.992	9.63370	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
2.500	6.013	9.64190	.00000	.00000	.00000	87.50000	-.04589	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00099	.00000	.00000	.00000	.00000	.00471	.00000	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.68470	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
3.500	-4.000	9.68300	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
3.500	-3.011	9.68240	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
3.500	-1.985	9.68300	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
3.500	-1.002	9.67250	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
3.500	.000	9.66080	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
3.500	.965	9.65320	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
3.500	1.987	9.68470	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
3.500	2.988	9.68990	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
3.500	3.992	9.69580	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	6.013	9.69870	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00114	.00000	.00000	.00000	.00000	.00128	.00000	.00000	.00000	.00000

LA131.MODEL 106-0. SILTS OFF. SB CAVITY OPEN

(27A068) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 291/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.57480	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-4.000	9.57420	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000
4.000	-2.992	9.57710	.00000	.00000	.00000	87.50000	-.03059	.00000	.00000	.00000	.00000
4.000	-1.985	9.57830	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-1.266	9.57600	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000
4.000	-1.002	9.58000	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-.019	9.58240	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000
4.000	.984	9.57600	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	1.987	9.58060	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	2.970	9.57600	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000
4.000	3.992	9.57770	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	6.013	9.58120	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00022	.00000	.00000	.00000	-.00000	.00048	.00000	.00000	.00000	.00000

RUN NO. 303/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.65230	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-4.000	9.65230	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	-3.011	9.65350	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	-1.985	9.65520	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-1.002	9.65580	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	.984	9.65640	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	1.987	9.65170	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	2.970	9.65000	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	4.011	9.65120	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	6.013	9.65350	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00036	.00000	.00000	.00000	.00000	.00077	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A069) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = -4.930

PARAMETRIC DATA

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.67360	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	-4.000	9.67130	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
3.500	-3.911	9.66720	.00000	.00000	.00000	87.50000	-4.92493	.00000	.00000	.00000	.00000
3.500	-1.985	9.66260	.00000	.00000	.00000	87.50000	-4.91743	.00000	.00000	.00000	.00000
3.500	-1.002	9.65090	.00000	.00000	.00000	87.50000	-4.91743	.00000	.00000	.00000	.00000
3.500	.000	9.65440	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
3.500	.984	9.67770	.00000	.00000	.00000	87.50000	-4.91364	.00000	.00000	.00000	.00000
3.500	1.968	9.68700	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
3.500	2.988	9.69290	.00000	.00000	.00000	87.50000	-4.91743	.00000	.00000	.00000	.00000
3.500	4.011	9.69870	.00000	.00000	.00000	87.50000	-4.92114	.00000	.00000	.00000	.00000
3.500	6.013	9.70040	.00000	.00000	.00000	87.50000	-4.91743	.00000	.00000	.00000	.00000
	GRADIENT	.00437	.00000	.00000	.00000	.00000	.00032	.00000	.00000	.00000	.00000

RUN NO. 278/ 0 RN/L = 2.00 GRADIENT INTERVAL = -3.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.070	14.59500	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
2.500	-3.981	14.59800	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
2.500	-2.992	14.60000	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
2.500	-1.985	14.59800	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
2.500	-1.002	14.60500	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
2.500	.000	14.60900	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000
2.500	.984	14.61000	.00000	.00000	.00000	87.50000	-.01530	.00000	.00000	.00000	.00000
2.500	1.987	14.60800	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
2.500	2.970	14.60300	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
2.500	4.030	14.60100	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
2.500	6.032	14.59300	.00000	.00000	.00000	87.50000	-.00845	.00000	.00000	.00000	.00000
	GRADIENT	.00076	.00000	.00000	.00000	.00000	.00194	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LAI31, MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A070) (24 JUN 80)

(27A070) (24 JUN 80)

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 RUDDER = .000
 SCALE = .0200

REFERENCE DATA

PARAMETRIC DATA

MACH		RUN NO. 280/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00									
BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI	
3.500	-6.001	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
3.500	-4.000	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000	
3.500	-3.011	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000	
3.500	-1.985	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
3.500	-1.002	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000	
3.500	-.019	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
3.500	.984	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
3.500	1.987	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000	
3.500	2.970	.00000	.00000	.00000	87.50000	-.01836	.00000	.00000	.00000	.00000	
3.500	4.011	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000	
3.500	6.013	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000	
3.500	GRADIENT	.00034	.00000	.00000	-.00000	.00128	.00000	.00000	.00000	.00000	

MACH		RUN NO. 292/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00									
BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI	
4.000	-6.001	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
4.000	-3.981	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
4.000	-3.011	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
4.000	-1.985	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
4.000	-1.021	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
4.000	.000	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
4.000	.984	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
4.000	1.968	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
4.000	2.988	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
4.000	4.011	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000	
4.000	6.013	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000	
4.000	GRADIENT	.00024	.00000	.00000	.00000	.00102	.00000	.00000	.00000	.00000	

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A070) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 304/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-5.982	14.64600	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-4.000	14.64500	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-2.992	14.64400	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	-1.985	14.64300	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	-.983	14.64200	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	.000	14.64200	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	.984	14.64300	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	1.987	14.64400	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	2.970	14.64500	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	4.011	14.64700	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	6.013	14.64600	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
	GRADIENT	.00020	.00000	.00000	.00000	-.00000	-.00030	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A071) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 268/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.038	19.61300	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
2.500	-4.019	19.62300	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	-3.011	19.62800	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	-1.985	19.63300	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	-1.002	19.63400	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	.000	19.63600	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	.984	19.63600	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	1.968	19.63600	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	2.970	19.63100	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
2.500	4.030	19.62800	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	5.995	19.61500	.00000	.00000	.00000	87.50000	.00563	.00000	.00000	.00000	.00000
	GRADIENT	.00061	.00000	.00000	.00000	.00000	.00010	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 20.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 281/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	19.68500	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	-4.000	19.68400	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
3.500	-3.011	19.68900	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
3.500	-1.985	19.69400	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	-1.002	19.69200	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	.000	19.69200	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
3.500	.984	19.69200	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
3.500	1.987	19.69100	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	2.970	19.68500	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
3.500	4.011	19.68200	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
3.500	6.013	19.68000	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
	GRADIENT	-.00043	.00000	.00000	.00000	.00000	.00073	.00000	.00000	.00000	.00000

RUN NO. 293/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	19.58800	.00000	.00000	.00000	87.50000	-.02753	.00000	.00000	.00000	.00000
4.000	-4.000	19.58800	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-3.011	19.58900	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-1.985	19.59200	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-1.002	19.59400	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	.000	19.59300	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	.984	19.59500	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	1.987	19.59300	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	2.988	19.59100	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	4.011	19.58800	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	6.013	19.58700	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
	GRADIENT	.00015	.00000	.00000	.00000	.00000	.00020	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF. SB CAVITY OPEN

(27A071) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 305/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	19.63200	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-4.000	19.62900	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-2.992	19.63000	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-1.984	19.63300	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-1.000	19.63100	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	.984	19.63000	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	1.987	19.63100	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	2.988	19.62900	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	4.011	19.62700	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	6.013	19.63000	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00027	.00000	.00000	.00000	.00000	.00077	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 269/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	24.57500	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
2.500	-4.000	24.59800	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
2.500	-2.973	24.59700	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
2.500	-1.985	24.59400	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	-1.002	24.59500	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
2.500	-.013	24.59000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
2.500	.984	24.58900	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	1.949	24.59100	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	2.970	24.58700	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
2.500	4.030	24.58000	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	5.995	24.57300	.00000	.00000	.00000	87.50000	.00845	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00191	.00000	.00000	.00000	-.00000	-.00024	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A072) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 282/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	24.68000	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	-4.000	24.68300	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
3.500	-2.992	24.68100	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
3.500	-2.004	24.68300	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
3.500	-1.021	24.68400	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	.000	24.68400	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	.984	24.68500	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	1.987	24.68300	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	2.970	24.67900	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	4.011	24.67700	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	6.013	24.66900	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.000049	.00000	.00000	.00000	-.00000	-.00018	.00000	.00000	.00000	.00000

RUN NO. 294/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	24.58500	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	-4.000	24.58400	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-3.011	24.58500	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	-1.985	24.58800	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	-1.002	24.58900	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	.000	24.58900	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	.984	24.59000	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	1.987	24.58800	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	2.988	24.58500	.00000	.00000	.00000	87.50000	-.02141	.00000	.00000	.00000	.00000
4.000	4.011	24.58500	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	6.013	24.57700	.00000	.00000	.00000	87.50000	-.02447	.00000	.00000	.00000	.00000
4.000	GRADIENT	.000008	.00000	.00000	.00000	.00000	.00010	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A072) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 25.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 306/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	24.67600	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	-4.000	24.67600	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-3.011	24.67700	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	-1.985	24.67800	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	-1.002	24.67600	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	-.019	24.67500	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	1.004	24.67300	.00000	.00000	.00000	87.50000	-.01224	.00000	.00000	.00000	.00000
4.500	1.987	24.66700	.00000	.00000	.00000	87.50000	-.00918	.00000	.00000	.00000	.00000
4.500	2.970	24.66700	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	4.011	24.66800	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	6.013	24.66500	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00135	.00000	.00000	.00000	-.00000	-.00005	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

RUN NO. 270/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-8.258	9.57200	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-6.610	9.56850	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-4.910	9.56680	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-3.220	9.56800	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-1.784	9.56740	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.887	9.56620	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.000	9.56620	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.890	9.56620	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	1.561	9.56850	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS OFF, SB CAVITY OPEN

(27A073) (24 JUN 80)

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 BETA = .000
 SCALE = .0200

REFERENCE DATA

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-8.254	14.60800	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-6.603	14.61000	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-4.917	14.60800	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-3.239	14.60700	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-1.795	14.60600	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.906	14.60500	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.034	14.60300	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.886	14.60300	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	1.555	14.60200	-.01890	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00096	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-8.273	14.64400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-6.637	14.64300	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-4.914	14.64400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-3.265	14.64200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-1.758	14.64200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-.839	14.64400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-.034	14.64500	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	.868	14.64600	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	1.596	14.64800	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00068	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

RUN NO. 286/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 298/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-8.258	14.59000	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-6.613	14.59000	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-4.933	14.59000	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-3.279	14.58800	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-1.791	14.58800	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-.853	14.58800	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-.037	14.58900	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	.876	14.58700	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	1.654	14.59000	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	GRADIENT	-.00008	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

(27A078) (24 JUN 80)

LAI31,MODEL 105-0, SILTS OFF, SB CAVITY CLOSED

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.485	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	-1.424	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	1.583	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	3.652	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	4.590	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	5.614	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	7.566	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	9.592	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	11.559	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	12.616	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	13.554	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	14.640	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	15.564	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	16.628	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	17.600	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	19.621	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	23.581	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	24.608	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	27.612	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	31.580	.00000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	-.00019	.00000	.00000	.00000	.00000

RUN NO. 312/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO RUDDER = .000
 SCALE = .0200

RUN NO. 320/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.404	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	-3.378	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	1.550	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	3.650	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	4.653	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	5.673	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	7.633	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	9.613	.00000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	11.686	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	12.641	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	13.665	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	14.643	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	15.628	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	16.722	.00000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	17.694	.00000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	19.705	.00000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	23.730	.00000	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
3.500	24.716	.00000	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
3.500	27.684	.00000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	31.712	.00000	.00000	.00000	.00000	87.50000	.00032	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.472	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-4.416	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	1.583	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	3.569	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	4.539	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	5.576	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	7.601	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	9.573	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	11.553	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	12.581	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	13.579	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	14.564	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	15.541	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	16.564	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	17.562	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	19.574	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	23.568	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	24.558	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	27.547	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	31.579	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	.00006	.00000	.00000	.00000	.00000

RUN NO. 328/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

DATE 25 JUN 80

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LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A078) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRP = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 87.200 RUDDER = .000

RUN NO. 336/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.388	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-1.324	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	1.561	.00000	.00000	.00000	.00000	87.50000	.02534	.00000	.00000	.00000	.00000
4.500	3.685	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	4.678	.00000	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.500	5.721	.00000	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.500	7.624	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	9.654	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	11.638	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	12.616	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	13.645	.00000	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	14.601	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	15.602	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	16.636	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	17.640	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	19.640	.00000	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.500	23.617	.00000	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	24.619	.00000	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	27.700	.00000	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
4.500	31.699	.00000	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
	GRADIENT	-.00000	.00000	.00000	.00000	-.00000	-.00031	.00000	.00000	.00000	.00000

(24 JUN 80)

LAI31,MODEL 106-0, SILTS OFF. SB CAVITY CLOSED

(27A079)

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 317/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.60100	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	-4.019	9.59630	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	-3.011	9.60100	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	-2.004	9.60100	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	-1.002	9.59580	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	-.019	9.59630	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	.984	9.59750	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	1.987	9.60100	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
2.500	2.988	9.60570	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	4.030	9.60920	.00000	.00000	.00000	87.50000	.06194	.00000	.00000	.00000	.00000
2.500	6.013	9.60740	.00000	.00000	.00000	87.50000	.00019	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00112	.00000	.00000	.00000	-.00000	.00019	.00000	.00000	.00000	.00000

RUN NO. 321/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-4.096	9.68750	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
3.500	-2.992	9.69040	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	-2.004	9.69510	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
3.500	-1.021	9.69740	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
3.500	.000	9.69860	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
3.500	.965	9.69860	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	1.968	9.69740	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	2.988	9.69620	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	4.049	9.69970	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	6.013	9.69910	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00119	.00000	.00000	.00000	.00000	.00056	.00000	.00000	.00000	.00000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILIRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDDBRK = 87.200 RUDDER = .000
 SCALE = .0200

RUN NO. 329/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILIRON	BDFLAP	SPDDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	9.58790	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-4.000	9.58850	.00000	.00000	.00000	87.50000	.02534	.00000	.00000	.00000	.00000
4.000	-3.011	9.58850	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.000	-1.985	9.58970	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	-1.002	9.59430	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
4.000	-.019	9.60070	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
4.000	.984	9.60420	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
4.000	2.006	9.60540	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
4.000	2.988	9.60540	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
4.000	4.011	9.60710	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
4.000	6.013	9.60890	.00000	.00000	.00000	87.50000	.00187	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00277	.00000	.00000	.00000	.00000					

RUN NO. 337/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILIRON	BDFLAP	SPDDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.64450	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.500	-4.000	9.64160	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-3.011	9.64390	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-1.985	9.64680	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-1.002	9.64970	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	-.019	9.65030	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	.984	9.65140	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	1.988	9.65090	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	2.988	9.65140	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
4.500	4.011	9.65140	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	6.013	9.65200	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00119	.00000	.00000	.00000	.00000					

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A080) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 318/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	14.59200	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
2.500	-4.000	14.59800	.00000	.00000	.00000	87.50000	.01971	.00000	.00000	.00000	.00000
2.500	-3.011	14.59800	.00000	.00000	.00000	87.50000	.01971	.00000	.00000	.00000	.00000
2.500	-1.947	14.61000	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
2.500	-1.002	14.61400	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
2.500	.000	14.61700	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
2.500	.984	14.62000	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
2.500	1.968	14.61400	.00000	.00000	.00000	87.50000	.02534	.00000	.00000	.00000	.00000
2.500	2.988	14.60500	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
2.500	3.992	14.59900	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
2.500	6.013	14.59200	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00065	.00000	.00000	.00000	.00000	.00123	.00000	.00000	.00000	.00000

RUN NO. 322/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.68600	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	-4.000	14.69000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	-3.011	14.69200	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	-1.985	14.69500	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	-1.002	14.69500	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	-.019	14.69600	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	.984	14.69600	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
3.500	1.968	14.69400	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	2.970	14.69100	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	4.011	14.69100	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	6.013	14.68700	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00000	.00000	.00000	.00000	.00000	.00071	.00000	.00000	.00000	.00000

(27A080) (24 JUN 80)

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA =
 AILRON =
 SPDBRK =

15.000 ELEVON = .000
 .000 BDFLAP = .000
 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 330/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.001	14.61200	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	-4.000	14.61300	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.000	-3.011	14.61400	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.000	-1.985	14.61600	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.000	-1.002	14.61400	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.000	.000	14.61700	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	.984	14.61600	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	1.987	14.61700	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	2.988	14.61700	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	4.011	14.61800	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	6.013	14.61700	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00055	.00000	.00000	.00000	.00000	.00052	.00000	.00000	.00000	.00000

RUN NO. 338/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.67200	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-3.981	14.67100	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	-3.011	14.67100	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-1.985	14.67200	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	-1.002	14.67100	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	-.019	14.67200	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	.984	14.66900	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	1.968	14.66900	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	2.970	14.66900	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	3.992	14.66900	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
4.500	6.013	14.66600	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00044	.00000	.00000	.00000	-.00000	.00024	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A081) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-5.982	19.56200	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
2.500	-4.019	19.57600	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-2.992	19.57400	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-1.966	19.58000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-1.021	19.58100	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	.000	19.58000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	1.034	19.58100	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	1.987	19.57700	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	2.988	19.57300	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	3.992	19.57100	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	5.995	19.55900	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
	GRADIENT	-.00048	.00000	.00000	.00000	-.00000	.00019	.00000	.00000	.00000	.00000

RUN NO. 319/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 323/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	19.65100	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	-4.000	19.65200	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	-3.011	19.65600	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	-1.985	19.66000	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
3.500	-1.021	19.66000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	.000	19.65900	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	.984	19.65900	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	1.987	19.65700	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	2.970	19.65300	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	4.030	19.65100	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	6.013	19.64800	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
	GRADIENT	-.00034	.00000	.00000	.00000	.00000	.00047	.00000	.00000	.00000	.00000

LAI31.MODEL 106-0, SILTS OFF, SB CAVITY CLOSED (27A082) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 BETA = .000
 SCALE = .0200

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-8.234	9.58820	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-6.589	9.58470	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-4.925	9.58410	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-3.261	9.58410	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-1.817	9.58410	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.930	9.57830	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.000	9.58060	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.890	9.57830	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	1.688	9.57890	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	-.00100	-.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-8.254	9.67350	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-6.617	9.67230	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-4.929	9.67180	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-3.265	9.67180	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-1.817	9.67120	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-.901	9.67120	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	.023	9.67120	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	.883	9.67120	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	1.584	9.67290	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	.00004	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-8.248	9.55190	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-6.603	9.55070	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-4.925	9.55070	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-3.285	9.55010	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-1.836	9.55070	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-.848	9.55190	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-.006	9.55130	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	.879	9.55130	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	1.706	9.55130	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	.00016	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A082) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-8.251	9.62940	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-6.617	9.62880	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-4.929	9.62880	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-3.272	9.62880	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-1.817	9.62820	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-.877	9.62940	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	.034	9.62820	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	.667	9.62760	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	1.607	9.62760	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00019	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 343/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

PARAMETRIC DATA

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-8.248	14.61400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-6.585	14.61500	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-4.936	14.61200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-3.265	14.61100	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-1.798	14.61200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.911	14.61000	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.006	14.60900	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.897	14.60700	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	1.665	14.60200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00126	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 314/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

LA131,MODEL 106-0, SILTS OFF, SB CAVITY CLOSED

(27A083) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.444	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	-1.436	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	1.500	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	3.569	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	4.558	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	5.525	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	7.652	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	9.571	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	11.598	.00000	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
2.500	12.611	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	13.537	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	14.526	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	15.554	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	16.635	.00000	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
2.500	17.556	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	19.514	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	23.560	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	24.579	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	27.647	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	31.654	.00000	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00005	.00000	.00000	.00000	.00000

RUN NO. 344/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

(27A086) (24 JUN 80)

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 351 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.352	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	-1.378	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	1.542	.00000	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	3.651	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	4.686	.00000	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	5.669	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	7.699	.00000	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	9.681	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	11.657	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	12.658	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	13.699	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	14.636	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	15.653	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	16.652	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	17.664	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	19.674	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	23.675	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	24.665	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	27.666	.00000	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	31.738	.00000	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00000	.00000	.00000	.00000	-1.00000	.00061	.00000	.00000	.00000	.00000

LAI31,MODEL 105-0, SILTS ON, SB CAVITY OPEN

(27A086) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 358/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RD	ELV-LI	ELV-RI
4.000	-2.479	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-1.441	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	1.575	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	3.601	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	4.567	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	5.591	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	7.574	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	9.604	.00000	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	11.622	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	12.608	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	13.582	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	14.593	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	15.562	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	16.578	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	17.611	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	19.569	.00000	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	23.603	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	24.590	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	27.608	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	31.635	.00000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00025	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A086) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 365/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.361	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	-.380	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	1.546	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	3.643	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	4.658	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	5.650	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	7.643	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	9.673	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	11.655	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	12.629	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	13.657	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	14.646	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	15.621	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	16.646	.01930	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	17.661	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	19.630	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	23.631	.01930	.00000	.00000	.00000	87.50000	-.00612	.00000	.00000	.00000	.00000
4.500	24.678	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	27.627	.01930	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.500	31.665	.01930	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00000	.00000	.00000	.00000	-.00000	-.00013	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

MACH	RUN NO. 345/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00										
	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	9.59340	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-4.000	9.59230	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-3.011	9.59690	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-1.985	9.59750	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	-1.002	9.58590	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	.000	9.59230	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	.984	9.59460	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	1.968	9.59870	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	2.988	9.60450	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	4.011	9.60800	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
2.500	5.995	9.61090	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00162	.00000	.00000	.00000	.00000	.00132	.00000	.00000	.00000	.00000

MACH	RUN NO. 352/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00										
	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.66360	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
3.500	-4.019	9.66190	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
3.500	-3.011	9.66360	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	-1.985	9.66540	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	-1.002	9.66940	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	.000	9.67120	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	.965	9.66830	.00000	.00000	.00000	87.50000	.05631	.00000	.00000	.00000	.00000
3.500	2.006	9.66890	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	2.970	9.66830	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	4.011	9.66770	.00000	.00000	.00000	87.50000	.05912	.00000	.00000	.00000	.00000
3.500	6.013	9.66480	.00000	.00000	.00000	87.50000	.06475	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00072	.00000	.00000	.00000	.00000	.00052	.00000	.00000	.00000	.00000

(27A087) (24 JUN 80)

LAI31 MODEL 106-0, SILTS ON, SB CAVITY OPEN

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPDBRK = 87.200 RUDDER = .000
 SCALE = .0200

REFERENCE DATA

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-5.982	9.60190	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.000	-3.981	9.60190	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.000	-2.992	9.60360	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.000	-1.985	9.60770	.00000	.00000	.00000	87.50000	-.00306	.00000	.00000	.00000	.00000
4.000	-1.002	9.61300	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.000	.000	9.61640	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.000	.965	9.61880	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.000	1.987	9.61940	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
4.000	2.951	9.61880	.00000	.00000	.00000	87.50000	.00282	.00000	.00000	.00000	.00000
4.000	4.030	9.61680	.00000	.00000	.00000	87.50000	-.00000	.00000	.00000	.00000	.00000
4.000	6.013	9.62280	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00238	.00000	.00000	.00000	.00000	.00054	.00000	.00000	.00000	.00000

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.67820	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
4.500	-4.019	9.67640	.00000	.00000	.00000	87.50000	.02534	.00000	.00000	.00000	.00000
4.500	-3.011	9.67820	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
4.500	-1.985	9.68280	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
4.500	-1.002	9.68340	.00000	.00000	.00000	87.50000	.02252	.00000	.00000	.00000	.00000
4.500	.000	9.68690	.00000	.00000	.00000	87.50000	.02534	.00000	.00000	.00000	.00000
4.500	.984	9.68520	.00000	.00000	.00000	87.50000	.02534	.00000	.00000	.00000	.00000
4.500	1.987	9.68750	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
4.500	2.970	9.68750	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	3.992	9.68750	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
4.500	6.013	9.68920	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00140	.00000	.00000	.00000	.00000	.00103	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A069) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = .000
 AILRON = .000
 SPDBRK = 87.200
 ELEVON = 15.000
 BDFLAP = .000
 RUDDER = 87.200

RUN NO. 346/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RG	ELV-LI	ELV-RI
2.500	-6.001	14.57500	.00000	.00000	.00000	87.50000	.02815	.00000	.00000	.00000	.00000
2.500	-4.000	14.57500	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
2.500	-3.011	14.57900	.00000	.00000	.00000	87.50000	.03097	.00000	.00000	.00000	.00000
2.500	-1.985	14.58600	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
2.500	-1.021	14.58600	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
2.500	.000	14.59400	.00000	.00000	.00000	87.50000	.03378	.00000	.00000	.00000	.00000
2.500	.584	14.59800	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
2.500	1.987	14.59900	.00000	.00000	.00000	87.50000	.03660	.00000	.00000	.00000	.00000
2.500	2.970	14.59000	.00000	.00000	.00000	87.50000	.03941	.00000	.00000	.00000	.00000
2.500	4.011	14.58800	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	6.013	14.57600	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00205	.00000	.00000	.00000	.00000	.00099	.00000	.00000	.00000	.00000

RUN NO. 353/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RG	ELV-LI	ELV-RI
3.500	-5.982	14.66900	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	-4.000	14.67200	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	-3.011	14.67400	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	-1.985	14.67800	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	-1.002	14.68000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	.000	14.68200	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	.984	14.68000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	1.968	14.68000	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
3.500	2.988	14.67600	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	3.992	14.67500	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	5.995	14.67500	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00043	.00000	.00000	.00000	.00000	.00028	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .0000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 RUDDER = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 366/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-6.020	14.59800	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-4.000	14.60000	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	-2.992	14.60100	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-1.985	14.60200	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	-1.002	14.60200	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	.000	14.60300	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	.984	14.60200	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	1.987	14.60200	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	2.970	14.60100	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	3.992	14.60300	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	6.013	14.60100	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
	GRADIENT	.00020	.00000	.00000	.00000	.00000	.00033	.00000	.00000	.00000	.00000

RUN NO. 367/ 0		RN/L = 2.00		GRADIENT INTERVAL = -5.00/ 5.00							
MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.65200	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-4.000	14.65300	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-2.992	14.65200	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	-1.966	14.65400	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-1.021	14.65200	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	-.019	14.65100	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	.965	14.64900	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	1.968	14.65000	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	2.988	14.64900	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	4.011	14.65100	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	6.013	14.64700	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
	GRADIENT	-.00047	.00000	.00000	.00000	.00000	.00023	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

RUN NO. 347/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	19.57000	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	-4.000	19.58200	.00000	.00000	.00000	87.50000	.04223	.00000	.00000	.00000	.00000
2.500	-3.011	19.58300	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	-1.985	19.58800	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	-1.002	19.58800	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	.000	19.59100	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	.965	19.59100	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
2.500	1.968	19.59100	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
2.500	2.970	19.58700	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
2.500	4.011	19.58000	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
2.500	6.032	19.56800	.00000	.00000	.00000	87.50000	.05349	.00000	.00000	.00000	.00000
	GRADIENT	.00021	.00000	.00000	.00000	.00000	.00066	.00000	.00000	.00000	.00000

RUN NO. 354/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-5.982	19.68400	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	-3.981	19.68300	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	-3.011	19.69000	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	-1.985	19.69100	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	-1.002	19.69200	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
3.500	-.019	19.69400	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
3.500	.984	19.69200	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	1.968	19.69300	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
3.500	2.970	19.68600	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
3.500	4.030	19.68300	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
3.500	6.013	19.67900	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
	GRADIENT	-.00014	.00000	.00000	.00000	-.00000	.00009	.00000	.00000	.00000	.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A089) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 RUDDER = .000

PARAMETRIC DATA

RUN NO. 361/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-5.963	19.58800	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-4.000	19.59100	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	-3.911	19.59100	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	-1.966	19.59500	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	-1.002	19.59500	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	.000	19.59800	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	.365	19.59700	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	1.968	19.59700	.00000	.00000	.00000	87.50000	.01126	.00000	.00000	.00000	.00000
4.000	2.970	19.59300	.00000	.00000	.00000	87.50000	.01408	.00000	.00000	.00000	.00000
4.000	4.011	19.59500	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	6.013	19.59400	.00000	.00000	.00000	87.50000	.01689	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00047	.00000	.00000	.00000	.00000	.00047	.00000	.00000	.00000	.00000

RUN NO. 368/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.010	19.66900	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-5.982	19.67800	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-3.981	19.67700	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
4.500	-3.011	19.67700	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-1.985	19.67800	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	-1.021	19.67500	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
4.500	.000	19.67500	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	.965	19.67400	.00000	.00000	.00000	87.50000	.04505	.00000	.00000	.00000	.00000
4.500	1.968	19.67200	.00000	.00000	.00000	87.50000	.04786	.00000	.00000	.00000	.00000
4.500	4.030	19.66800	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	6.032	19.66800	.00000	.00000	.00000	87.50000	.05068	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00114	.00000	.00000	.00000	.00000	.00043	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 ELEVON = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO AILRON = .000 BDFLAP = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPOBRK = 87.200 BETA = .000
 SCALE = .0200

PARAMETRIC DATA

RUN NO. 350/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-8.262	9.55040	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-6.613	9.55440	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-4.921	9.55040	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-3.261	9.54980	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-1.795	9.55210	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.829	9.55380	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.028	9.55380	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.858	9.55440	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	1.573	9.55380	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	.00072	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 355/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-8.254	9.65310	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-6.634	9.65310	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-4.917	9.65200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-3.217	9.65140	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-1.772	9.65140	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	-.839	9.65200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	.023	9.65080	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	.868	9.65250	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
3.500	1.631	9.65310	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	.00013	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 362/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-8.234	9.60360	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-6.606	9.60360	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-4.921	9.60310	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-3.275	9.60250	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-1.798	9.60130	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	-.863	9.60130	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	.037	9.60190	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	.868	9.60250	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.000	1.602	9.60130	.01930	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	-.00019	-.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 369/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-8.240	9.63460	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-6.610	9.63460	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-4.914	9.63460	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-3.275	9.63400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-1.780	9.63400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	-.906	9.63460	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	.051	9.63340	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	.805	9.63400	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
4.500	1.602	9.63520	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

RUN NO. 349/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	RUDDER	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-8.258	14.57500	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-6.613	14.57300	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-4.959	14.57200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-3.250	14.57500	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-1.798	14.57100	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	-.053	14.57200	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.031	14.56700	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	.858	14.56700	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
2.500	1.578	14.56500	.00000	.00000	.00000	.00000	87.50000	.00000	.00000	.00000	.00000
	GRADIENT	-.00128	-.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 87.200 BETA = .000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

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LAI31.MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(27A093) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 372/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.460	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	-4.44	.0000	.0000	.0000	.0000	70.0000	.02252	.00000	.00000	.00000	.00000
2.500	1.584	.0000	.0000	.0000	.0000	70.0000	.02252	.00000	.00000	.00000	.00000
2.500	3.569	.0000	.0000	.0000	.0000	70.0000	.02252	.00000	.00000	.00000	.00000
2.500	4.584	.0000	.0000	.0000	.0000	70.0000	.02252	.00000	.00000	.00000	.00000
2.500	5.610	.0000	.0000	.0000	.0000	70.0000	.02252	.00000	.00000	.00000	.00000
2.500	7.530	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	9.653	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	11.546	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	12.545	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	13.524	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	14.523	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	15.556	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	16.548	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	17.559	.0000	.0000	.0000	.0000	70.0000	.02252	.00000	.00000	.00000	.00000
2.500	19.566	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	23.589	.0000	.0000	.0000	.0000	70.0000	.02815	.00000	.00000	.00000	.00000
2.500	24.541	.0000	.0000	.0000	.0000	70.0000	.02815	.00000	.00000	.00000	.00000
2.500	27.556	.0000	.0000	.0000	.0000	70.0000	.02534	.00000	.00000	.00000	.00000
2.500	31.554	.0000	.0000	.0000	.0000	70.0000	.02815	.00000	.00000	.00000	.00000
	GRADIENT	-.00000	.00000	.00000	.00000	.00000	-.00032	.00000	.00000	.00000	.00000

LA131,MODEL 105-0, S-ON, CV-OPN (2-LMR SSME ON)

(27A093) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 379/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RD	ELV-LI	ELV-RI
3.500	-2.371	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	-1.332	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	1.698	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	3.652	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	4.672	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	5.659	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	7.640	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	9.626	.00000	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
3.500	11.663	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	12.627	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	13.643	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	14.678	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	15.647	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	16.614	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	17.635	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	19.644	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	23.668	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	24.648	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	27.700	.00000	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
3.500	31.649	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00000	.00000	.00000	.00000	.00000	.00019	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(27A093) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 386/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-2.466	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
4.000	-1.468	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
4.000	1.504	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	3.570	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	4.601	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	5.543	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	7.603	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
4.000	9.545	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	11.611	.00000	.00000	.00000	.00000	70.00000	.03541	.00000	.00000	.00000	.00000
4.000	13.564	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	14.552	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	15.578	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	16.522	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
4.000	17.559	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	19.626	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	23.568	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	24.601	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	27.597	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	31.554	.00000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00000	.00000	.00000	.00000	.00000	-.00048	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

BETA = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 70.0000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 393/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RC	ELV-LI	ELV-RI
4.500	-2.403	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	-1.338	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	1.613	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	3.699	.00000	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
4.500	4.631	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	5.586	.00000	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
4.500	7.610	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	9.645	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	11.627	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	12.634	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
4.500	13.607	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	14.601	.00000	.00000	.00000	.00000	70.00000	-.02252	.00000	.00000	.00000	.00000
4.500	15.613	.00000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	16.583	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
4.500	17.677	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	19.639	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
4.500	23.606	.00000	.00000	.00000	.00000	70.00000	.0126	.00000	.00000	.00000	.00000
4.500	24.614	.00000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	27.678	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
4.500	31.619	.00000	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00010	.00000	.00000	.00000	.00000

LAI31, MODEL 106-0, S-ON, CV-OPN (2-LMR SSME ON)

(27A094) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 373/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.020	9.60100	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
2.500	-4.000	9.60040	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
2.500	-2.992	9.59810	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
2.500	-1.985	9.60510	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
2.500	-1.002	9.60160	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
2.500	.000	9.60510	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
2.500	.984	9.60800	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
2.500	1.987	9.61380	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	2.988	9.61790	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	4.030	9.61910	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	6.013	9.62370	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00263	.00000	.00000	.00000	.00000	.00141	.00000	.00000	.00000	.00000

RUN NO. 380/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	9.66590	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	-4.019	9.66650	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
3.500	-3.011	9.66650	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
3.500	-1.985	9.67000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	-1.002	9.67180	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	.000	9.67180	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	.984	9.66890	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	1.987	9.66940	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	2.988	9.66890	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	4.011	9.67180	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	6.013	9.67410	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
3.500	GRADIENT	.00041	.00000	.00000	.00000	.00000	.00033	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, S-ON, CV-OPN (2-LMR SSME ON)

(27A094) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = 0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 387/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-5.982	9.59550	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	-4.000	9.59260	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
4.000	-3.011	9.59140	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	-1.985	9.59320	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	-1.002	9.59670	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	-.019	9.59780	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	.984	9.60770	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	1.968	9.60890	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
4.000	2.988	9.60660	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	3.992	9.60830	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	6.013	9.60890	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00252	.00000	.00000	.00000	.00000	.00005	.00000	.00000	.00000	.00000

RUN NO. 394/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	9.63750	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
4.500	-4.000	9.63630	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	-3.011	9.63750	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	-1.985	9.64100	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	-1.021	9.64390	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	-.019	9.64560	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
4.500	.984	9.64740	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	1.968	9.64800	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	2.988	9.64850	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	4.011	9.65090	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
4.500	5.995	9.65440	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00182	.00000	.00000	.00000	.00000	.00019	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(27A095) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 374/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	14.56600	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
2.500	-4.000	14.56700	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
2.500	-2.992	14.56800	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
2.500	-1.985	14.57600	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
2.500	-1.002	14.57900	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
2.500	.000	14.58200	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
2.500	.984	14.58700	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	1.987	14.58600	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	2.988	14.57900	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	4.011	14.57400	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	6.013	14.56600	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
	GRADIENT	.00148	.00000	.00000	.00000	-.00000	.00113	.00000	.00000	.00000	.00000

RUN NO. 381/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.001	14.67300	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	-4.000	14.67400	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	-2.992	14.67500	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	-1.966	14.67800	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	-1.002	14.68000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	.000	14.68200	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	.994	14.68300	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	1.987	14.68500	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	2.970	14.68300	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	4.011	14.68300	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
3.500	6.013	14.68400	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
	GRADIENT	.00129	.00000	.00000	.00000	-.00000	.00090	.00000	.00000	.00000	.00000

LAI31 MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(27AC95) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 388/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.000	-5.982	14.58100	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
4.000	-4.000	14.58100	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	-3.011	14.58100	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	-1.985	14.58100	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	-1.002	14.58400	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	.000	14.58300	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	.968	14.58400	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	1.968	14.58500	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	2.970	14.58600	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	4.011	14.58800	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	6.013	14.58500	.00000	.00000	.00000	70.00000	.00019	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00085	.00000	.00000	.00000	.00000	-.00019	.00000	.00000	.00000	.00000

RUN NO. 395/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-6.001	14.64100	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	-4.000	14.63900	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	-3.011	14.64200	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	-1.985	14.64200	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	-1.002	14.64000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	-.019	14.64000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	.984	14.64000	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	1.968	14.63900	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	2.970	14.64000	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	4.030	14.64200	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	6.013	14.63700	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	GRADIENT	.00000	.00000	.00000	.00000	-.00000	-.00005	.00000	.00000	.00000	.00000

LAI31,MODEL 106-0, S-ON, CV-OPN (2-LNR SSME ON)

(27A096) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 375/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-6.001	19.59000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	-4.000	19.59000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	-3.011	19.59700	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	-1.985	19.60500	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	-1.002	19.60100	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	.000	19.60200	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
2.500	.965	19.60200	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	1.987	19.60100	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	2.988	19.60100	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	4.011	19.59700	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	6.013	19.58700	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	GRADIENT	-.00005	.00000	.00000	.00000	-.00000	.00019	.00000	.00000	.00000	.00000

RUN NO. 382/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-6.283	19.68300	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
3.500	-4.000	19.68200	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	-3.011	19.68500	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	-1.966	19.68700	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
3.500	-1.021	19.68900	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	.000	19.68400	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	.984	19.68800	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	1.987	19.68400	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	2.970	19.68300	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	3.992	19.68300	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
3.500	6.013	19.68000	.00000	.00000	.00000	70.00000	.02534	.00000	.00000	.00000	.00000
3.500	GRADIENT	-.00015	.00000	.00000	.00000	.00000	.00009	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, S-ON, CV-OPN (2-LWR SSME ON)

(27AC96) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 389/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RG	ELV-LI	ELV-RI
4.000	-6.001	19.57400	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	-4.000	19.57500	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	-3.011	19.57500	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	-1.985	19.57600	.00000	.00000	.00000	70.00000	.02815	.00000	.00000	.00000	.00000
4.000	-1.002	19.57700	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	.000	19.58000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
4.000	.965	19.57900	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	1.968	19.58000	.00000	.00000	.00000	70.00000	.02252	.00000	.00000	.00000	.00000
4.000	2.970	19.57600	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	4.030	19.57800	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	6.013	19.58000	.00000	.00000	.00000	70.00000	.03097	.00000	.00000	.00000	.00000
4.000	GRADIENT	.00042	.00000	.00000	.00000	.00000	-.00033	.00000	.00000	.00000	.00000

RUN NO. 396/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RG	ELV-LI	ELV-RI
4.500	-6.001	19.67700	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	-4.000	19.67500	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
4.500	-3.011	19.67500	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	-1.985	19.67500	.00000	.00000	.00000	70.00000	.01126	.00000	.00000	.00000	.00000
4.500	-.983	19.67400	.00000	.00000	.00000	70.00000	.00845	.00000	.00000	.00000	.00000
4.500	.000	19.67400	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	.984	19.67500	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	1.968	19.67400	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	2.970	19.67300	.00000	.00000	.00000	70.00000	.01689	.00000	.00000	.00000	.00000
4.500	3.992	19.67100	.00000	.00000	.00000	70.00000	.01408	.00000	.00000	.00000	.00000
4.500	5.995	19.67400	.00000	.00000	.00000	70.00000	.01971	.00000	.00000	.00000	.00000
4.500	GRADIENT	-.00039	.00000	.00000	.00000	-.00000	.00056	.00000	.00000	.00000	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A100) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 400/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.468	.00000	.00000	.00000	.00000	70.00000	.03378	.00000	.00000	.00000	.00000
2.500	-1.431	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	1.566	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	3.584	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	4.561	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	5.570	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	7.554	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	9.558	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	11.561	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	12.630	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	13.565	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	14.553	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	15.626	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	16.572	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	17.559	.00000	.00000	.00000	.00000	70.00000	.04223	.00000	.00000	.00000	.00000
2.500	19.574	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	23.605	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	24.614	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	27.575	.00000	.00000	.00000	.00000	70.00000	.03660	.00000	.00000	.00000	.00000
2.500	31.565	.00000	.00000	.00000	.00000	70.00000	.03941	.00000	.00000	.00000	.00000
2.500	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00065	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 414/ 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.462	.00000	.01644	.00776	.02220	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	-1.438	.00000	.01597	.00418	.01830	55.00000	.00000	.02015	.01179	.02015	.01179
2.500	1.580	.00000	.01442	.00574	.01830	55.00000	.00000	.02015	.00868	.02015	.00868
2.500	3.549	.00000	.01442	.00574	.02220	55.00000	.00000	.02015	.00868	.02015	.00868
2.500	4.591	.00000	.01644	.00776	.02610	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	5.481	.00000	.02267	.00153	.02610	55.00000	.00000	.02420	.02113	.02420	.02113
2.500	7.523	.00000	.02064	-.00049	.02220	55.00000	.00000	.02015	.02113	.02015	.02113
2.500	9.590	.00000	.02267	.00153	.02610	55.00000	.00000	.02420	.02113	.02420	.02113
2.500	11.604	.00000	.01644	.00776	.02610	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	12.559	.00000	.01644	.00776	.03000	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	13.606	.00000	.01442	.00574	.03000	55.00000	.00000	.02015	.00868	.02015	.00868
2.500	14.557	.00000	.00617	.00994	.02220	55.00000	.00000	.01610	-.00377	.01610	-.00377
2.500	15.579	.00000	.00617	.00994	.02610	55.00000	.00000	.01610	-.00377	.01610	-.00377
2.500	16.555	.00000	.00819	.01196	.03000	55.00000	.00000	.02015	-.00377	.02015	-.00377
2.500	17.549	.00000	.00772	.00838	.03403	55.00000	.00000	.01610	-.00066	.01610	-.00066
2.500	19.574	.00000	.00056	.00745	.02610	55.00000	.00000	.00800	-.00689	.00800	-.00689
2.500	23.595	.00000	.00165	.00231	.03000	55.00000	.00000	.00395	-.00066	.00395	-.00066
2.500	24.596	.00000	-.00038	.00028	.02220	55.00000	.00000	-.00010	-.00066	-.00010	-.00066
2.500	27.606	.00000	.00009	.00386	.02610	55.00000	.00000	.00395	-.00377	.00395	-.00377
2.500	31.577	.00000	.00103	.01103	.02220	55.00000	.00000	.01205	-.01000	.01205	-.01000
2.500	GRADIENT	.00000	-.00012	.00005	.00057	-.00000	.00000	-.00007	-.00017	-.00007	-.00017

REFERENCE DATA

SREF = 2690.0000 SQ. IN. YMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 416/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.415	.00000	.01909	.00107	.02220	55.00000	.00000	.02015	.01802	.02015	.01802
3.500	-3.318	.00000	.01551	.00060	.02220	55.00000	.00000	.01610	.01491	.01610	.01491
3.500	1.691	.00000	.01239	.00371	.01830	55.00000	.00000	.01610	.00868	.01610	.00868
3.500	3.644	.00000	.01862	-.00252	.02220	55.00000	.00000	.01610	.02113	.01610	.02113
3.500	4.625	.00000	.01706	-.00096	.02220	55.00000	.00000	.01610	.01802	.01610	.01802
3.500	5.706	.00000	.02064	-.00049	.02610	55.00000	.00000	.02015	.02113	.02015	.02113
3.500	7.691	.00000	.01192	.00013	.02610	55.00000	.00000	.01205	.01179	.01205	.01179
3.500	9.646	.00000	.01909	.00107	.02610	55.00000	.00000	.02015	.01802	.02015	.01802
3.500	11.709	.00000	.01706	-.00096	.02610	55.00000	.00000	.01610	.01802	.01610	.01802
3.500	12.673	.00000	.01706	-.00096	.02610	55.00000	.00000	.01610	.01802	.01610	.01802
3.500	13.639	.00000	.01551	.00060	.02610	55.00000	.00000	.01610	.01491	.01610	.01491
3.500	14.645	.00000	.01395	.00215	.02610	55.00000	.00000	.01610	.01179	.01610	.01179
3.500	15.665	.00000	.01083	.00527	.02220	55.00000	.00000	.01610	.00557	.01610	.00557
3.500	16.678	.00000	.01348	-.00143	.02220	55.00000	.00000	.01205	.01491	.01205	.01491
3.500	17.638	.00000	.01037	.00169	.02610	55.00000	.00000	.01205	.00868	.01205	.00868
3.500	19.668	.00000	.00881	.00324	.02220	55.00000	.00000	.01205	.00557	.01205	.00557
3.500	23.710	.00000	.00367	.00433	.01439	55.00000	.00000	.00800	-.00066	.00800	-.00066
3.500	24.635	.00000	.00212	.00589	.00659	55.00000	.00000	.00800	-.00377	.00800	-.00377
3.500	27.719	.00000	.00212	.00589	.00659	55.00000	.00000	.00800	-.00377	.00800	-.00377
3.500	31.704	.00000	-.00358	.01159	.01049	55.00000	.00000	.00800	-.01517	.00800	-.01517
3.500	GRADIENT	.00000	-.00008	-.00039	-.00003	.00000	.00000	-.00047	.00030	-.00047	.00030

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LAI31 MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A101) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 425/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.382	.00000	.02407	.01228	.05819	55.00000	.00000	.03635	.01179	.03635	.01179
4.500	-.331	.00000	.01271	.01959	.05416	55.00000	.00000	.03230	-.00689	.03230	-.00689
4.500	1.623	.00000	.01847	.00979	.05416	55.00000	.00000	.02825	.00868	.02825	.00868
4.500	3.680	.00000	.02096	.01539	.05819	55.00000	.00000	.03635	.00557	.03635	.00557
4.500	4.672	.00000	.02252	.01384	.05819	55.00000	.00000	.03635	.00868	.03635	.00868
4.500	5.631	.00000	.02096	.01539	.05819	55.00000	.00000	.03635	.00557	.03635	.00557
4.500	7.665	.00000	.01894	.01337	.05416	55.00000	.00000	.03230	.00557	.03230	.00557
4.500	9.720	.00000	.01894	.01337	.05416	55.00000	.00000	.03230	.00557	.03230	.00557
4.500	11.665	.00000	.02252	.01539	.05819	55.00000	.00000	.03635	.00868	.03635	.00868
4.500	12.657	.00000	.02096	.01384	.05416	55.00000	.00000	.03635	.00557	.03635	.00557
4.500	13.647	.00000	.01940	.01695	.05416	55.00000	.00000	.03635	.00245	.03635	.00245
4.500	14.641	.00000	.02143	.01897	.05819	55.00000	.00000	.04040	.00245	.04040	.00245
4.500	15.723	.00000	.02298	.01742	.05416	55.00000	.00000	.04040	.00557	.04040	.00557
4.500	16.627	.00000	.02501	.01944	.05416	55.00000	.00000	.04445	.00557	.04445	.00557
4.500	17.636	.00000	.02859	.01991	.05819	55.00000	.00000	.04850	.00868	.04850	.00868
4.500	19.719	.00000	.02704	.02147	.05416	55.00000	.00000	.04850	.00557	.04850	.00557
4.500	23.634	.00000	.02816	.02816	.05014	55.00000	.00000	.05255	-.00377	.05255	-.00377
4.500	24.670	.00000	.03264	.02396	.05416	55.00000	.00000	.05660	.00868	.05660	.00868
4.500	27.707	.00000	.02906	.02349	.05014	55.00000	.00000	.05255	.00557	.05255	.00557
4.500	31.725	.00000	.02548	.02303	.04611	55.00000	.00000	.04850	.00245	.04850	.00245
4.500	GRADIENT	-.00000	.00022	-.00005	.00020	.00000	.00000	.00018	.00027	.00018	.00027

(27A102) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 403/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.439	.00000	.01800	.00620	.04208	55.00000	.00000	.02420	.02420	.01179	.02420	.01179
2.500	-1.428	.00000	.01847	.00979	.03805	55.00000	.00000	.02825	.02825	.00868	.02825	.00868
2.500	1.590	.00000	.01955	.00465	.03805	55.00000	.00000	.02420	.02420	.01491	.02420	.01491
2.500	3.569	.00000	.01800	.00620	.04208	55.00000	.00000	.02420	.02420	.01179	.02420	.01179
2.500	4.591	.00000	.01442	.00574	.03805	55.00000	.00000	.02015	.02015	.00868	.02015	.00868
2.500	5.584	.00000	.01909	.00107	.04611	55.00000	.00000	.02015	.02015	.01802	.02015	.01802
2.500	7.571	.00000	.01488	.00932	.04208	55.00000	.00000	.02420	.02420	.00557	.02420	.00557
2.500	9.563	.00000	.01955	.00465	.04611	55.00000	.00000	.02420	.02420	.01491	.02420	.01491
2.500	11.581	.00000	.01800	.00620	.04208	55.00000	.00000	.02420	.02420	.01179	.02420	.01179
2.500	12.567	.00000	.01442	.00574	.03805	55.00000	.00000	.02015	.02015	.00868	.02015	.00868
2.500	13.585	.00000	.01753	.00262	.04208	55.00000	.00000	.02015	.02015	.01491	.02015	.01491
2.500	14.579	.00000	.01442	.00574	.03805	55.00000	.00000	.02015	.02015	.00868	.02015	.00868
2.500	15.549	.00000	.01442	.00574	.04611	55.00000	.00000	.02015	.02015	.00868	.02015	.00868
2.500	16.566	.00000	.01130	.00885	.04208	55.00000	.00000	.02015	.02015	.00245	.02015	.00245
2.500	17.567	.00000	.01442	.00574	.05014	55.00000	.00000	.02015	.02015	.00868	.02015	.00868
2.500	19.602	.00000	.01130	.00885	.04611	55.00000	.00000	.02015	.02015	.00245	.02015	.00245
2.500	23.585	.00000	.01738	.01493	.05416	55.00000	.00000	.03230	.03230	.00245	.03230	.00245
2.500	27.570	.00000	.01488	.00932	.05014	55.00000	.00000	.02420	.02420	.00557	.02420	.00557
2.500	31.567	.00000	.01177	.01243	.03805	55.00000	.00000	.02420	.02420	.00066	.02420	.00066
2.500	GRADIENT	-.00000	.01068	.01757	.03403	55.00000	.00000	.02825	.02825	.00689	.02825	.00689
			-.00036	-.00025	-.00020	.00000	.00000	-.00062	-.00062	-.00011	-.00062	-.00011

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 4017 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.479	.00000	.01348	-.00143	.03000	55.00000	.00000	.01205	.01491	.01205	.01491
2.500	-3.351	.00000	.01504	-.00298	.02610	55.00000	.00000	.01205	.01802	.01205	.01802
2.500	1.564	.00000	.01192	.00013	.02220	55.00000	.00000	.01205	.01179	.01205	.01179
2.500	3.555	.00000	.01551	.00060	.01830	55.00000	.00000	.01610	.01491	.01610	.01491
2.500	4.549	.00000	.01286	.00729	.02220	55.00000	.00000	.02015	.00557	.02015	.00557
2.500	5.554	.00000	.01706	-.00096	.02220	55.00000	.00000	.01610	.01802	.01610	.01802
2.500	7.618	.00000	.02111	.00309	.02220	55.00000	.00000	.02420	.01491	.02420	.01491
2.500	9.627	.00000	.01955	.00465	.02220	55.00000	.00000	.02420	.01179	.02420	.01179
2.500	11.582	.00000	.01800	.00620	.02610	55.00000	.00000	.02420	.0179	.02420	.0179
2.500	12.564	.00000	.01800	.00620	.03000	55.00000	.00000	.02420	.00557	.02420	.00557
2.500	13.609	.00000	.01691	.01134	.03403	55.00000	.00000	.02015	.00668	.02015	.00668
2.500	14.552	.00000	.01442	.00574	.03403	55.00000	.00000	.02420	.00245	.02420	.00245
2.500	15.595	.00000	.01333	.01088	.03805	55.00000	.00000	.02420	-.00066	.02420	-.00066
2.500	16.620	.00000	.01177	.01243	.04208	55.00000	.00000	.02420	-.00377	.02420	-.00377
2.500	17.576	.00000	.01022	.01399	.04208	55.00000	.00000	.02825	.00245	.02825	.00245
2.500	19.594	.00000	.01535	.01230	.04208	55.00000	.00000	.02825	-.01517	.02825	-.01517
2.500	23.625	.00000	.00654	.02171	.03403	55.00000	.00000	.03230	-.00377	.03230	-.00377
2.500	24.646	.00000	.01427	.01804	.02610	55.00000	.00000	.04040	-.01000	.04040	-.01000
2.500	27.609	.00000	.01318	.02318	.02220	55.00000	.00000	.03635	-.00377	.03635	-.00377
2.500	31.766	.00000	.01831	.02209	.01439	55.00000	.00000	.04040	-.00109	.04040	-.00109
2.500	GRADIENT	-.00000	-.00002	.00108	-.00138	.00000	.00000	.00106	-.00109	.00106	-.00109

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A104) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 4157 0 RN/L = 2.01 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.443	1.98670	.01847	.00979	.02610	55.00000	.00000	.02825	.00868	.02825	.00868
2.500	-.393	1.98670	.02158	.06667	.02610	55.00000	.00000	.02825	.01491	.02825	.01491
2.500	1.587	1.98670	.01847	.00979	.02610	55.00000	.00000	.02825	.00868	.02825	.00868
2.500	3.632	1.98670	.02158	.06667	.03000	55.00000	.00000	.02420	.01491	.02420	.01491
2.500	4.602	1.98670	.01800	.06620	.03000	55.00000	.00000	.02420	.00245	.02420	.00245
2.500	5.574	1.98670	.01333	.01088	.02610	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	7.559	1.98670	.01644	.00776	.03000	55.00000	.00000	.02420	.01179	.02420	.01179
2.500	9.623	1.98670	.01800	.06620	.03000	55.00000	.00000	.00800	.00245	.00800	.00245
2.500	11.579	1.98670	.00523	.00278	.02220	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	12.576	1.98670	.01644	.00776	.03805	55.00000	.00000	.02420	.00245	.02420	.00245
2.500	13.581	1.98670	.01333	.01088	.03805	55.00000	.00000	.02420	.00557	.02420	.00557
2.500	14.554	1.98670	.01488	.00932	.03000	55.00000	.00000	.02420	.00868	.02420	.00868
2.500	15.587	1.98670	.01644	.00776	.03403	55.00000	.00000	.01610	.00689	.01610	.00689
2.500	16.548	1.98670	.00461	.01149	.02610	55.00000	.00000	.02420	.00689	.02420	.00689
2.500	17.540	1.98670	.00866	.01554	.03000	55.00000	.00000	.01610	.00066	.01610	.00066
2.500	19.625	1.98670	.00772	.00838	.04208	55.00000	.00000	.01205	.00377	.01205	.00377
2.500	23.551	1.98670	.00414	.00791	.03805	55.00000	.00000	.02015	.00066	.02015	.00066
2.500	24.554	1.98670	.00975	.01041	.03805	55.00000	.00000	.01610	.00066	.01610	.00066
2.500	27.583	1.98670	.00772	.00838	.03403	55.00000	.00000	.02015	.00066	.02015	.00066
2.500	31.631	1.98670	.00975	.01041	.04208	55.00000	.00000	.00039	.00038	.00039	.00038
2.500	GRADIENT	.00000	-.00000	-.00039	.00064	.00000	.00000	-.00039	-.00038	-.00039	-.00038

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A,04) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 417/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.337	1.98670	.01239	.00371	.03000	55.00000	.00000	.01610	.00868	.01610	.00868
3.500	-3.375	1.98670	.01395	.00215	.03000	55.00000	.00000	.01610	.01179	.01610	.01179
3.500	1.698	1.98670	.01083	.00527	.03403	55.00000	.00000	.01610	.00557	.01610	.00557
3.500	3.714	1.98670	.01286	.00729	.03403	55.00000	.00000	.02015	.00557	.02015	.00557
3.500	4.684	1.98670	.01800	.00620	.03403	55.00000	.00000	.02420	.01179	.02420	.01179
3.500	5.722	1.98670	.01597	.00418	.03805	55.00000	.00000	.02015	.00868	.02015	.00868
3.500	7.724	1.98670	.01442	.00574	.03403	55.00000	.00000	.02015	.00868	.02015	.00868
3.500	9.688	1.98670	.01442	.00574	.03403	55.00000	.00000	.02015	.00557	.02015	.00557
3.500	11.679	1.98670	.01286	.00729	.03403	55.00000	.00000	.02015	.00868	.02015	.00868
3.500	12.637	1.98670	.01442	.00574	.03403	55.00000	.00000	.02015	.00868	.02015	.00868
3.500	13.668	1.98670	.01442	.00574	.03000	55.00000	.00000	.02015	.00868	.02015	.00868
3.500	14.672	1.98670	.01442	.00574	.03403	55.00000	.00000	.02015	.00557	.02015	.00557
3.500	15.673	1.98670	.01488	.00932	.03403	55.00000	.00000	.02420	.00557	.02420	.00557
3.500	16.715	1.98670	.01083	.00527	.02610	55.00000	.00000	.01610	.00557	.01610	.00557
3.500	17.742	1.98670	.00975	.01041	.03000	55.00000	.00000	.02015	.00066	.02015	.00066
3.500	19.645	1.98670	.01130	.00885	.03000	55.00000	.00000	.02015	.00245	.02015	.00245
3.500	23.663	1.98670	.00772	.00838	.02610	55.00000	.00000	.01610	.00066	.01610	.00066
3.500	24.709	1.98670	.00523	.00278	.02220	55.00000	.00000	.08000	.00245	.08000	.00245
3.500	27.658	1.98670	.00414	.00791	.02220	55.00000	.00000	.01205	.00377	.01205	.00377
3.500	31.702	1.98670	.00570	.00636	.00659	55.00000	.00000	.01205	.00066	.01205	.00066
3.500	.00000	.00000	.00047	.00058	.00068	.00000	.00000	.00105	.00010	.00105	.00010

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 404/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.424	-1.26630	.02672	.00558	.04208	55.00000	.00000	.03230	.03230	.02113	.03230	.02113
2.500	-.421	1.98670	.02267	.00153	.03805	55.00000	.00000	.02420	.02420	.02113	.02420	.02113
2.500	1.552	-1.085700	.02158	.00667	.03805	55.00000	.00000	.02825	.02825	.01491	.02825	.01491
2.500	3.562	-1.26630	.02469	.00356	.03403	55.00000	.00000	.02825	.02825	.02113	.02825	.02113
2.500	4.562	-4.49670	.02469	.00356	.04208	55.00000	.00000	.02825	.02825	.02113	.02825	.02113
2.500	5.571	1.98670	.01955	.00465	.03805	55.00000	.00000	.02420	.02420	.01491	.02420	.01491
2.500	7.582	1.98670	.01800	.00620	.03403	55.00000	.00000	.02420	.02420	.01179	.02420	.01179
2.500	9.596	1.98670	.01955	.00465	.03403	55.00000	.00000	.02420	.02420	.01491	.02420	.01491
2.500	11.595	-1.26630	.01955	.00465	.03805	55.00000	.00000	.02420	.02420	.01491	.02420	.01491
2.500	12.568	-4.49670	.01800	.00620	.03805	55.00000	.00000	.02420	.02420	.01179	.02420	.01179
2.500	13.564	-1.26630	.01644	.00776	.03403	55.00000	.00000	.02420	.02420	.00868	.02420	.00868
2.500	14.572	-36.30100	.01800	.00620	.03805	55.00000	.00000	.02420	.02420	.01179	.02420	.01179
2.500	15.573	-33.12200	.01488	.00932	.03805	55.00000	.00000	.02420	.02420	.00557	.02420	.00557
2.500	16.585	1.98670	.01644	.00776	.03805	55.00000	.00000	.02420	.02420	.00868	.02420	.00868
2.500	17.566	-4.49670	.01535	.01290	.03805	55.00000	.00000	.02825	.02825	.00245	.02825	.00245
2.500	19.581	-4.49670	.01535	.01290	.03805	55.00000	.00000	.02825	.02825	.00245	.02825	.00245
2.500	23.578	1.98670	.01333	.01088	.03403	55.00000	.00000	.02420	.02420	.00557	.02420	.00557
2.500	24.589	-1.26630	.01691	.01134	.03403	55.00000	.00000	.02825	.02825	.00245	.02825	.00245
2.500	27.591	-1.26630	.01535	.01290	.02610	55.00000	.00000	.02825	.02825	.00245	.02825	.00245
2.500	31.606	-1.26630	.01691	.01134	.02220	55.00000	.00000	.02825	.02825	.00557	.02825	.00557
2.500	GRADIENT	-1.54933	-.00014	-.00011	-.00034	.00000	.00000	-.00025	-.00025	-.00004	-.00025	-.00004

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 426/ 0. RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.434	1.96780	.03981	.02490	.06624	55.00000	.00000	.06470	.01491	.06470	.01491
4.500	- .410	1.96780	.04339	.02537	.06624	55.00000	.00000	.06875	.01802	.06875	.01802
4.500	1.650	1.96780	.03622	.02443	.06222	55.00000	.00000	.06065	.01179	.06065	.01179
4.500	3.628	1.96780	.04027	.02848	.06624	55.00000	.00000	.06875	.01179	.06875	.01179
4.500	4.676	1.96780	.03981	.02490	.06624	55.00000	.00000	.06470	.01491	.06470	.01491
4.500	5.656	1.96780	.03981	.02490	.06624	55.00000	.00000	.06065	.01179	.06065	.01179
4.500	7.700	1.96780	.03622	.02443	.06222	55.00000	.00000	.06065	.01179	.06065	.01179
4.500	9.620	1.96780	.03522	.02443	.05819	55.00000	.00000	.06470	.01491	.06470	.01491
4.500	11.606	1.96780	.03981	.02490	.06624	55.00000	.00000	.06065	.01179	.06065	.01179
4.500	12.632	1.96780	.03622	.02443	.05819	55.00000	.00000	.06470	.01491	.06470	.01491
4.500	13.681	1.96780	.03514	.02957	.06222	55.00000	.00000	.05660	.00557	.05660	.00557
4.500	14.625	1.96780	.03576	.02085	.05416	55.00000	.00000	.05660	.01491	.05660	.01491
4.500	15.652	1.96780	.03420	.02240	.06222	55.00000	.00000	.06470	.01491	.06470	.01491
4.500	16.611	1.96780	.03981	.02490	.06222	55.00000	.00000	.06065	.01179	.06065	.01179
4.500	17.670	1.96780	.03622	.02443	.05819	55.00000	.00000	.06065	.00863	.06065	.00863
4.500	19.617	-1.28520	.03467	.02599	.05819	55.00000	.00000	.06065	.01179	.06065	.01179
4.500	23.689	1.96780	.03622	.02443	.05819	55.00000	.00000	.05660	.01179	.05660	.01179
4.500	24.672	1.96780	.03420	.02340	.05014	55.00000	.00000	.05660	.00868	.05660	.00868
4.500	27.683	1.96780	.03266	.02396	.05416	55.00000	.00000	.05660	.01179	.05660	.01179
4.500	31.778	1.96780	.03420	.02240	.05819	55.00000	.00000	.05660	.01179	.05660	.01179
4.500	GRADIENT	.00000	-.00019	.00021	-.00003	-.00000	.00000	.00002	-.00039	.00002	-.00039

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 402/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.435	1.98670	.03482	.01368	.05014	55.00000	.00000	.04850	.02113	.04850	.02113
2.500	-1.473	1.98670	.03887	.01773	.04611	55.00000	.00000	.05660	.02113	.05660	.02113
2.500	1.649	-1.26630	.03638	.01213	.04611	55.00000	.00000	.04850	.02425	.04850	.02425
2.500	3.600	1.98670	.03326	.01524	.04208	55.00000	.00000	.04850	.01802	.04850	.01802
2.500	4.583	1.98670	.03482	.01368	.03805	55.00000	.00000	.04850	.02113	.04850	.02113
2.500	5.572	1.98670	.03482	.01368	.03403	55.00000	.00000	.04850	.02113	.04850	.02113
2.500	7.550	1.98670	.03529	.01727	.03805	55.00000	.00000	.05255	.01802	.05255	.01802
2.500	9.625	1.98670	.03279	.01166	.03805	55.00000	.00000	.04445	.02113	.04445	.02113
2.500	11.626	1.98670	.03170	.01680	.04611	55.00000	.00000	.04850	.01491	.04850	.01491
2.500	12.585	1.98670	.03015	.01836	.04611	55.00000	.00000	.04850	.01179	.04850	.01179
2.500	13.517	1.98670	.02812	.01633	.04611	55.00000	.00000	.04445	.01179	.04445	.01179
2.500	14.573	1.98670	.02610	.01430	.04208	55.00000	.00000	.04040	.01179	.04040	.01179
2.500	15.546	1.98670	.02298	.01742	.04208	55.00000	.00000	.04040	.00557	.04040	.00557
2.500	16.572	1.98670	.02812	.01633	.04611	55.00000	.00000	.04445	.01179	.04445	.01179
2.500	17.587	1.98670	.02298	.01742	.04208	55.00000	.00000	.04040	.00557	.04040	.00557
2.500	19.538	1.98670	.02501	.01944	.04611	55.00000	.00000	.04445	.00557	.04445	.00557
2.500	23.578	1.98670	.02501	.01944	.03805	55.00000	.00000	.04445	.00557	.04445	.00557
2.500	24.637	1.98670	.02501	.01944	.03000	55.00000	.00000	.04445	.00557	.04445	.00557
2.500	27.612	1.98670	.01987	.02053	.01439	55.00000	.00000	.04040	.00066	.04040	.00066
2.500	31.651	-1.26630	.02237	.02614	.01830	55.00000	.00000	.04850	.00377	.04850	.00377
2.500	GRADIENT	-.02586	-.00032	-.00013	-.00151	-.00000	.00000	-.00045	-.00018	-.00045	-.00018

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = 2.000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 406/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.523	2.00560	-5.00320	-.00746	.07027	55.00000	.00000	-5.01060	-5.01060	-4.99570	-5.01060	-4.99570
2.500	-.522	2.00560	-5.00120	-.00940	.07027	55.00000	.00000	-5.01060	-5.01060	-4.99180	-5.01060	-4.99180
2.500	1.640	2.00560	-4.99900	-.00721	.07027	55.00000	.00000	-5.00630	-5.00630	-4.99180	-5.00630	-4.99180
2.500	3.528	2.00560	-5.00100	-.00528	.06222	55.00000	.00000	-5.00630	-5.00630	-4.99570	-5.00630	-4.99570
2.500	4.580	2.00560	-5.00100	-.00528	.06222	55.00000	.00000	-5.00630	-5.00630	-4.99570	-5.00630	-4.99570
2.500	5.604	2.00560	-5.00320	-.00746	.05819	55.00000	.00000	-5.01060	-5.01060	-4.99570	-5.01060	-4.99570
2.500	7.662	2.00560	-5.00320	-.00746	.05416	55.00000	.00000	-5.01060	-5.01060	-4.99570	-5.01060	-4.99570
2.500	9.558	2.00560	-4.99900	-.00721	.05819	55.00000	.00000	-5.00630	-5.00630	-4.99180	-5.00630	-4.99180
2.500	11.584	2.00560	-5.00100	-.00528	.05416	55.00000	.00000	-5.00630	-5.00630	-4.99180	-5.00630	-4.99180
2.500	12.565	2.00560	-5.00560	-.01378	.05014	55.00000	.00000	-5.01940	-5.01940	-4.99180	-5.01940	-4.99180
2.500	13.543	2.00560	-5.01140	-.00797	.05014	55.00000	.00000	-5.01940	-5.01940	-5.00340	-5.01940	-5.00340
2.500	14.613	2.00560	-5.00700	-.00359	.05416	55.00000	.00000	-5.01060	-5.01060	-5.00340	-5.01060	-5.00340
2.500	15.552	2.00560	-5.00510	-.00553	.05416	55.00000	.00000	-5.01060	-5.01060	-4.99960	-5.01060	-4.99960
2.500	16.645	2.00560	-5.01090	.00028	.05014	55.00000	.00000	-5.01060	-5.01060	-5.01120	-5.01060	-5.01120
2.500	17.582	2.00560	-5.00900	-.00165	.05014	55.00000	.00000	-5.01060	-5.01060	-5.00730	-5.01060	-5.00730
2.500	19.632	2.00560	-5.02550	-.00266	.04208	55.00000	.00000	-5.02810	-5.02810	-5.02280	-5.02810	-5.02280
2.500	23.604	2.00560	-5.02550	-.00266	.03805	55.00000	.00000	-5.02810	-5.02810	-5.03060	-5.02810	-5.03060
2.500	24.605	2.00560	-5.02930	.00121	.03805	55.00000	.00000	-5.02380	-5.02380	-5.03440	-5.02380	-5.03440
2.500	27.594	2.00560	-5.03100	.00727	.03805	55.00000	.00000	-5.02810	-5.02810	-5.03440	-5.02810	-5.03440
2.500	31.643	2.00560	-5.03130	.00315	.03805	55.00000	.00000	-5.02810	-5.02810	-5.03440	-5.02810	-5.03440
2.500	GRADIENT	.00000	.00028	.00046	-.00129	-.00000	.00000	.00073	.00073	-.00018	.00073	-.00018

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LBREF = 474.8100 INCHES YMRP = .0000 IN. YO
 SBREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AIRLON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 418/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AIRLON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.389	1.98670	-4.98810	.00372	.04208	55.00000	.00000	-4.98440	-4.99180	-4.98440	-4.99180
3.500	-1.399	1.98670	-4.99220	.00347	.04208	55.00000	.00000	-4.98880	-4.99570	-4.98880	-4.99570
3.500	1.686	1.98670	-4.98810	.00372	.04208	55.00000	.00000	-4.98440	-4.99180	-4.98440	-4.99180
3.500	3.632	1.98670	-4.99030	.00154	.03805	55.00000	.00000	-4.98880	-4.99180	-4.98880	-4.99180
3.500	4.648	1.98670	-4.99610	.00735	.03805	55.00000	.00000	-4.98880	-5.00340	-4.98880	-5.00340
3.500	5.720	1.98670	-4.99440	.00129	.03805	55.00000	.00000	-4.99310	-4.99570	-4.99310	-4.99570
3.500	7.696	1.98670	-4.99660	-.00090	.03805	55.00000	.00000	-4.99750	-4.99570	-4.99750	-4.99570
3.500	9.632	-1.26630	-4.99420	.00541	.04208	55.00000	.00000	-4.98880	-4.99560	-4.98880	-4.99560
3.500	11.612	-1.26630	-4.99030	.00154	.04208	55.00000	.00000	-4.98880	-4.99180	-4.98880	-4.99180
3.500	12.648	1.98670	-5.00070	-.00115	.03805	55.00000	.00000	-5.00190	-4.99360	-5.00190	-4.99360
3.500	13.685	1.98670	-5.00290	-.00334	.03805	55.00000	.00000	-5.00630	-4.99960	-5.00630	-4.99960
3.500	14.689	1.98670	-5.00460	.00272	.03805	55.00000	.00000	-5.00190	-5.00730	-5.00190	-5.00730
3.500	15.704	1.98670	-5.00430	.00684	.03403	55.00000	.00000	-4.99750	-5.01120	-4.99750	-5.01120
3.500	16.654	1.98670	-5.00950	.00659	.03403	55.00000	.00000	-5.00190	-5.01510	-5.00190	-5.01510
3.500	17.696	1.98670	-5.01070	.00441	.03403	55.00000	.00000	-5.00630	-5.01510	-5.00630	-5.01510
3.500	19.652	1.98670	-5.01070	.00441	.03403	55.00000	.00000	-5.00630	-5.01510	-5.00630	-5.01510
3.500	23.630	1.98670	-5.02280	.00778	.02220	55.00000	.00000	-5.01500	-5.03050	-5.01500	-5.03060
3.500	24.706	1.98670	-5.02250	.01190	.02610	55.00000	.00000	-5.01060	-5.03440	-5.01060	-5.03440
3.500	27.722	1.98670	-5.01870	.00803	.03000	55.00000	.00000	-5.01060	-5.02670	-5.01060	-5.02670
3.500	31.677	1.98670	-5.01870	.00803	.02220	55.00000	.00000	-5.01060	-5.02670	-5.01060	-5.02670
3.500	GRADIENT	.00000	-.00069	.00022	-.00066	-.00000	.00000	-.00047	-.00091	-.00047	-.00091

PARAMETRIC DATA

BETA = 2.000
 ELV-LO = -5.000
 ELV-LI = -5.000
 ELV-RO = -5.000
 AILRCN = .000
 RUDDER = .000
 SPOBRK = 55.000

REFERENCE DATA

SREF = 2690.0000 SQ.IN.
 LREF = 474.8100 INCHES
 BREF = 936.6800 INCHES
 SCALE = .0200

XMRP = 1076.7000 IN. XO
 YMRP = .0000 IN. YO
 ZMRP = 375.0000 IN. ZO

RUN NO. 429/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRCN	BDELAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.435	1.98670	-5.02590	.02402	.05819	55.00000	.00000	-5.00190	-5.04990	-5.00190	-5.04990
4.500	-1.416	1.98670	-5.02830	.01771	.05416	55.00000	.00000	-5.01060	-5.04600	-5.01060	-5.04600
4.500	1.680	1.98670	-5.02500	.02015	.05819	55.00000	.00000	-5.00190	-5.04220	-5.00190	-5.04220
4.500	3.633	1.98670	-5.03030	.01955	.05416	55.00000	.00000	-5.01060	-5.04990	-5.01060	-5.04990
4.500	4.655	1.98670	-5.02610	.01990	.05416	55.00000	.00000	-5.00630	-5.04600	-5.00630	-5.04600
4.500	5.652	1.98670	-5.02810	.02183	.05014	55.00000	.00000	-5.00190	-5.04990	-5.00190	-5.04990
4.500	7.650	1.98670	-5.02400	.02209	.05819	55.00000	.00000	-5.00190	-5.04600	-5.00190	-5.04600
4.500	9.711	1.98670	-5.02980	.02789	.05416	55.00000	.00000	-5.00190	-5.05770	-5.00190	-5.05770
4.500	11.636	1.98670	-5.02780	.02596	.05819	55.00000	.00000	-5.01060	-5.05380	-5.01060	-5.05380
4.500	12.612	1.98670	-5.03410	.02352	.05014	55.00000	.00000	-5.00190	-5.05770	-5.00190	-5.05770
4.500	13.647	1.98670	-5.02980	.02789	.05416	55.00000	.00000	-5.00190	-5.05770	-5.00190	-5.05770
4.500	14.662	1.98670	-5.02590	.02402	.05416	55.00000	.00000	-5.00190	-5.04990	-5.00190	-5.04990
4.500	15.647	1.98670	-5.02590	.02402	.05416	55.00000	.00000	-5.00190	-5.04990	-5.00190	-5.04990
4.500	16.614	1.98670	-5.02810	.02183	.05014	55.00000	.00000	-5.00630	-5.04990	-5.00630	-5.04990
4.500	17.642	-1.26630	-5.02810	.02183	.05014	55.00000	.00000	-5.00190	-5.04600	-5.00190	-5.04600
4.500	19.698	1.98670	-5.02400	.02209	.05014	55.00000	.00000	-5.00190	-5.04990	-5.00190	-5.04990
4.500	23.673	1.98670	-5.03030	.01965	.04208	55.00000	.00000	-5.01060	-5.04990	-5.01060	-5.04990
4.500	24.703	1.98670	-5.03030	.01965	.04208	55.00000	.00000	-5.01060	-5.04990	-5.01060	-5.04990
4.500	27.665	1.98670	-5.02830	.01771	.03805	55.00000	.00000	-5.01060	-5.04600	-5.01060	-5.04600
4.500	31.698	1.98670	-5.02830	.01771	.03403	55.00000	.00000	-5.01060	-5.04600	-5.01060	-5.04600
4.500	GRADIENT	.00000	-1.00015	-.00037	-.00043	-.00000	.00000	-.00052	.00022	-.00052	.00022

LAI31 MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A108) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 405/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.424	1.98670	-5.03320	.00509	.04611	55.00000	.00000	-5.02810	-5.02810	-5.03830	-5.02810	-5.03830
2.500	-1.519	.00000	-5.04100	.01283	.02610	55.00000	.00000	-5.02810	-5.02810	-5.05380	-5.02810	-5.05380
2.500	1.607	.00000	-5.04290	.01477	.03000	55.00000	.00000	-5.02810	-5.02810	-5.05770	-5.02810	-5.05770
2.500	3.641	.00000	-5.04730	.01039	.02610	55.00000	.00000	-5.03690	-5.03690	-5.05770	-5.03690	-5.05770
2.500	4.599	.00000	-5.04510	.01258	.02610	55.00000	.00000	-5.03250	-5.03250	-5.05770	-5.03250	-5.05770
2.500	5.636	.00000	-5.04290	.01477	.02610	55.00000	.00000	-5.02810	-5.02810	-5.05770	-5.02810	-5.05770
2.500	7.641	.00000	-5.04310	.01065	.03000	55.00000	.00000	-5.03250	-5.03250	-5.05380	-5.03250	-5.05380
2.500	9.577	.00000	-5.03710	.00896	.03000	55.00000	.00000	-5.02810	-5.02810	-5.04600	-5.02810	-5.04600
2.500	11.529	.00000	-5.03680	.01308	.03403	55.00000	.00000	-5.02380	-5.02380	-5.04990	-5.02380	-5.04990
2.500	12.655	.00000	-5.03460	.01527	.03805	55.00000	.00000	-5.01940	-5.01940	-5.04990	-5.01940	-5.04990
2.500	13.556	.00000	-5.03680	.01308	.03805	55.00000	.00000	-5.02380	-5.02380	-5.04600	-5.02380	-5.04600
2.500	14.610	.00000	-5.03710	.00896	.04208	55.00000	.00000	-5.02810	-5.02810	-5.04600	-5.02810	-5.04600
2.500	15.574	.00000	-5.03900	.01090	.03805	55.00000	.00000	-5.02810	-5.02810	-5.04990	-5.02810	-5.04990
2.500	16.518	.00000	-5.03680	.01308	.04208	55.00000	.00000	-5.02380	-5.02380	-5.04600	-5.02380	-5.04600
2.500	17.571	.00000	-5.03490	.01115	.04208	55.00000	.00000	-5.02380	-5.02380	-5.04600	-5.02380	-5.04600
2.500	19.624	.00000	-5.03710	.00896	.03805	55.00000	.00000	-5.02810	-5.02810	-5.04600	-5.02810	-5.04600
2.500	23.625	.00000	-5.03490	.01115	.03805	55.00000	.00000	-5.02380	-5.02380	-5.04990	-5.02380	-5.04990
2.500	24.637	.00000	-5.03680	.01308	.03805	55.00000	.00000	-5.02380	-5.02380	-5.04990	-5.02380	-5.04990
2.500	27.641	.00000	-5.03900	.01090	.03403	55.00000	.00000	-5.02810	-5.02810	-5.04990	-5.02810	-5.04990
2.500	31.760	.00000	-5.03320	.00509	.03403	55.00000	.00000	-5.02810	-5.02810	-5.03830	-5.02810	-5.03830
2.500	GRADIENT	-22495	-100171	.00070	-.00224	-.00000	.00000	-.00101	-.00101	-.00242	-.00101	-.00242

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELEVON = -5.000 ELEVON = -5.000
 AILLRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 419/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILLRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-FO	ELV-LI	ELV-RI
3.500	-2.371	.01930	-4.99080	-.00671	.04208	55.00000	.00000	-4.99750	-4.98410	-4.99750	-4.98410
3.500	1.710	.01930	-4.99440	.00129	.04208	55.00000	.00000	-4.99310	-4.99570	-4.99310	-4.99570
3.500	3.694	.01930	-4.99270	-.00477	.04208	55.00000	.00000	-4.99750	-4.98800	-4.99750	-4.98800
3.500	4.629	.01930	-4.99470	-.00284	.03805	55.00000	.00000	-4.99750	-4.99180	-4.99750	-4.99180
3.500	5.694	.01930	-4.99270	-.00477	.03805	55.00000	.00000	-4.99750	-4.98800	-4.99750	-4.98800
3.500	7.662	.01930	-4.99660	-.00671	.04208	55.00000	.00000	-4.99750	-4.98410	-4.99750	-4.98410
3.500	9.682	.01930	-4.99490	-.00596	.03403	55.00000	.00000	-5.00190	-4.98800	-5.00190	-4.98800
3.500	11.659	.01930	-4.99680	-.00503	.03403	55.00000	.00000	-5.00190	-4.99180	-5.00190	-4.99180
3.500	12.680	.01930	-4.99470	-.00284	.04208	55.00000	.00000	-4.99750	-4.99180	-4.99750	-4.99180
3.500	13.728	.01930	-4.98860	-.00452	.03805	55.00000	.00000	-4.99310	-4.98410	-4.99310	-4.98410
3.500	14.659	.01930	-4.98860	-.00452	.04611	55.00000	.00000	-4.99750	-4.98410	-4.99750	-4.98410
3.500	15.648	.01930	-4.99080	-.00671	.04611	55.00000	.00000	-4.99750	-4.98020	-4.99750	-4.98020
3.500	16.611	.01930	-4.98890	-.00865	.04611	55.00000	.00000	-4.99750	-4.98410	-4.99750	-4.98410
3.500	17.652	.01930	-4.99080	-.00671	.04208	55.00000	.00000	-5.00190	-4.99180	-5.00190	-4.99180
3.500	19.647	.01930	-4.99680	-.00503	.04208	55.00000	.00000	-5.00190	-4.99180	-5.00190	-4.99180
3.500	23.708	.01930	-5.00070	-.00115	.03805	55.00000	.00000	-5.00190	-4.99660	-5.00190	-4.99660
3.500	24.674	.01930	-4.99880	-.00309	.03805	55.00000	.00000	-5.00190	-4.99570	-5.00190	-4.99570
3.500	27.682	.01930	-5.00510	-.00513	.03403	55.00000	.00000	-5.01060	-5.01060	-5.01060	-5.01060
3.500	31.737	.01930	-5.00900	-.00165	.03403	55.00000	.00000	-5.01060	-5.00730	-5.01060	-5.00730
3.500	GRADIENT	.00000	-.00026	.00002	-.00066	-.00000	.00000	-.00025	-.00028	-.00025	-.00028

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A108) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 428/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.317	.00000	-4.99780	.01341	.05819	55.00000	.00000	-4.98440	-5.01120	-4.98440	-5.01120
4.500	-.275	.00000	-4.99630	.00322	.05014	55.00000	.00000	-4.99310	-4.99960	-4.99310	-4.99960
4.500	1.687	.00000	-4.99610	.00735	.05014	55.00000	.00000	-4.98880	-5.00340	-4.98880	-5.00340
4.500	3.677	.00000	-4.99830	.00516	.05014	55.00000	.00000	-4.99310	-5.00340	-4.99310	-5.00340
4.500	4.736	.00000	-4.99800	.00928	.05416	55.00000	.00000	-4.98880	-5.00730	-4.98880	-5.00730
4.500	5.660	.00000	-5.00020	.00710	.05416	55.00000	.00000	-4.99310	-5.00730	-4.99310	-5.00730
4.500	7.648	.00000	-5.00020	.00710	.05819	55.00000	.00000	-4.98880	-5.00340	-4.98880	-5.00340
4.500	9.639	.00000	-4.99610	.00735	.05416	55.00000	.00000	-4.99750	-5.00730	-4.99750	-5.00730
4.500	11.620	.00000	-5.00240	.00491	.05014	55.00000	.00000	-4.98880	-5.00730	-4.98880	-5.00730
4.500	12.654	.00000	-4.99800	.00928	.05416	55.00000	.00000	-4.98880	-5.01510	-4.98880	-5.01510
4.500	13.697	.00000	-5.00410	.01097	.05014	55.00000	.00000	-4.99310	-5.00730	-4.99310	-5.00730
4.500	14.686	.00000	-5.00020	.00710	.05014	55.00000	.00000	-4.98880	-5.01120	-4.98880	-5.01120
4.500	15.625	.00000	-5.00000	.01122	.05416	55.00000	.00000	-4.98880	-5.01510	-4.98880	-5.01510
4.500	16.660	.00000	-5.00190	.01316	.05014	55.00000	.00000	-4.98000	-5.01120	-4.98000	-5.01120
4.500	17.646	.00000	-4.99560	.01559	.05416	55.00000	.00000	-4.99310	-5.01510	-4.99310	-5.01510
4.500	19.654	.00000	-5.00410	.01097	.05416	55.00000	.00000	-4.98880	-5.02670	-4.98880	-5.02670
4.500	23.680	.00000	-5.00770	.01897	.05014	55.00000	.00000	-5.00190	-5.02280	-5.00190	-5.02280
4.500	24.635	.00000	-5.01230	.01047	.04611	55.00000	.00000	-5.00190	-5.03060	-5.00190	-5.03060
4.500	27.636	.00000	-5.01620	.01434	.04611	55.00000	.00000	-5.00190	-5.05380	-5.00190	-5.05380
4.500	31.710	.00000	-5.02780	.02596	.04208	55.00000	.00000	-5.00190	.00032	-5.00190	.00032
4.500	GRADIENT	-.00000	-.00012	-.00043	-.00054	-.00000	.00000	-.00056	.00032	-.00056	.00032

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 409/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.451	.00000	5.01690	.00197	.01049	55.00000	.00000	5.01890	5.01890	5.01490	5.01890	5.01490
2.500	-1.519	.00000	5.01190	.00291	.00269	55.00000	.00000	5.01480	5.01480	5.00900	5.01480	5.00900
2.500	1.552	.00000	5.01190	.00291	.00659	55.00000	.00000	5.01480	5.01480	5.00900	5.01480	5.00900
2.500	3.532	.00000	5.00450	.01031	.00269	55.00000	.00000	5.01480	5.01480	4.99420	5.01480	4.99420
2.500	4.556	.00000	5.00250	.00829	-.00121	55.00000	.00000	5.01080	5.01080	4.99420	5.01080	4.99420
2.500	5.585	.00000	5.00250	.00829	-.00511	55.00000	.00000	5.01080	5.01080	4.98830	5.01080	4.98830
2.500	7.603	.00000	4.99950	.01125	-.00121	55.00000	.00000	5.00270	5.00270	4.99130	5.00270	4.99130
2.500	9.522	.00000	4.99700	.00574	-.01292	55.00000	.00000	5.01080	5.01080	4.99420	5.01080	4.99420
2.500	11.580	.00000	5.00250	.00829	-.00121	55.00000	.00000	5.01080	5.01080	4.99420	5.01080	4.99420
2.500	12.634	.00000	5.00100	.00977	-.00901	55.00000	.00000	5.01080	5.01080	4.99130	5.01080	4.99130
2.500	13.652	.00000	5.00250	.00829	-.00121	55.00000	.00000	5.01080	5.01080	4.99420	5.01080	4.99420
2.500	14.540	.00000	5.00250	.00829	-.00121	55.00000	.00000	5.01080	5.01080	4.98530	5.01080	4.98530
2.500	15.586	.00000	4.99810	.01273	-.00511	55.00000	.00000	5.01480	5.01480	4.98830	5.01480	4.98830
2.500	16.636	.00000	5.00010	.01474	-.00121	55.00000	.00000	5.01080	5.01080	4.99130	5.01080	4.99130
2.500	17.594	.00000	4.99950	.01125	-.00121	55.00000	.00000	5.01480	5.01480	4.99420	5.01480	4.99420
2.500	19.602	.00000	5.00300	.01178	.00269	55.00000	.00000	5.01080	5.01080	4.99130	5.01080	4.99130
2.500	23.616	.00000	5.00250	.00829	.00269	55.00000	.00000	5.01080	5.01080	4.99420	5.01080	4.99420
2.500	24.640	.00000	5.00300	.01178	.00659	55.00000	.00000	5.01480	5.01480	4.99130	5.01480	4.99130
2.500	27.579	.00000	5.00100	.00977	-.00121	55.00000	.00000	5.01080	5.01080	4.99130	5.01080	4.99130
2.500	31.664	.00000	4.99400	.00870	-.00121	55.00000	.00000	5.00270	5.00270	4.98530	5.00270	4.98530
2.500	GRADIENT	.00000	-.00198	.00112	-.00125	.00000	.00000	-.00086	-.00086	-.00311	-.00086	-.00311

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 420/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.413	.01930	5.03210	.02306	.04611	55.00000	.00000	5.05510	5.00900	5.05510	5.00900
3.500	-4.412	.01930	5.03800	.01715	.04611	55.00000	.00000	5.05510	5.02080	5.05510	5.02080
3.500	1.669	.01930	5.03850	.02064	.05014	55.00000	.00000	5.05920	5.01790	5.05920	5.01790
3.500	3.702	.01930	5.03850	.02064	.05014	55.00000	.00000	5.05920	5.01790	5.05920	5.01790
3.500	4.694	.01930	5.03800	.01715	.04611	55.00000	.00000	5.05510	5.02080	5.05510	5.02080
3.500	5.701	.01930	5.03950	.01567	.04611	55.00000	.00000	5.05510	5.02380	5.05510	5.02380
3.500	7.672	.01930	5.04150	.01759	.05416	55.00000	.00000	5.05920	5.02380	5.05920	5.02380
3.500	9.668	.01930	5.03300	.01809	.04611	55.00000	.00000	5.05110	5.01490	5.05110	5.01490
3.500	11.669	.01930	5.03650	.01863	.05014	55.00000	.00000	5.05510	5.01790	5.05510	5.01790
3.500	12.649	.01930	5.03450	.01661	.04611	55.00000	.00000	5.05110	5.01790	5.05110	5.01790
3.500	13.704	.01930	5.03210	.02306	.04611	55.00000	.00000	5.05510	5.00900	5.05510	5.00900
3.500	14.824	.01930	5.03600	.01513	.04611	55.00000	.00000	5.05110	5.02080	5.05110	5.02080
3.500	15.703	.01930	5.03800	.01715	.04611	55.00000	.00000	5.05510	5.02080	5.05510	5.02080
3.500	16.705	.01930	5.03210	.02306	.04611	55.00000	.00000	5.05110	5.00900	5.05110	5.00900
3.500	17.703	.01930	5.03450	.01661	.04208	55.00000	.00000	5.05110	5.01790	5.05110	5.01790
3.500	19.639	.01930	5.03650	.01863	.04611	55.00000	.00000	5.05510	5.00900	5.05510	5.00900
3.500	23.671	.01930	5.03650	.01863	.04208	55.00000	.00000	5.05510	5.01790	5.05510	5.01790
3.500	24.827	.01930	5.04000	.01917	.04611	55.00000	.00000	5.05920	5.02080	5.05920	5.02080
3.500	27.654	.01930	5.03650	.01863	.04611	55.00000	.00000	5.05510	5.01790	5.05510	5.01790
3.500	31.824	.01930	5.03890	.01218	.03805	55.00000	.00000	5.05110	5.02670	5.05110	5.02670
3.500	GRADIENT	.00000	.00071	-.00042	.00029	-.00000	.00000	.00030	.00113	.00030	.00113

(27A109) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
4.500	-2.448	.00000	5.02550	.01353	.05416	55.00000	.00000	5.03900	5.03900	5.01200	5.01200
4.500	-1.352	.00000	5.02140	.00950	.05014	55.00000	.00000	5.03090	5.03090	5.01200	5.01200
4.500	1.635	.00000	5.02200	.01299	.05416	55.00000	.00000	5.03500	5.03500	5.00300	5.00300
4.500	3.658	.00000	5.01900	.01595	.05416	55.00000	.00000	5.03500	5.03500	5.00310	5.00310
4.500	4.660	.00000	5.02400	.01500	.05416	55.00000	.00000	5.03900	5.03900	5.00900	5.00900
4.500	5.722	.00000	5.01960	.01944	.05416	55.00000	.00000	5.03900	5.03900	5.00010	5.00010
4.500	7.685	.00000	5.02100	.01796	.05416	55.00000	.00000	5.03900	5.03900	5.00310	5.00310
4.500	9.648	.00000	5.02250	.01648	.05416	55.00000	.00000	5.03900	5.03900	5.00600	5.00600
4.500	11.670	.00000	5.02100	.01796	.05416	55.00000	.00000	5.03900	5.03900	5.00310	5.00310
4.500	12.661	.00000	5.02100	.01796	.05014	55.00000	.00000	5.03900	5.03900	5.00310	5.00310
4.500	13.677	.00000	5.01960	.01944	.05014	55.00000	.00000	5.03900	5.03900	5.00010	5.00010
4.500	14.606	.00000	5.02450	.01850	.05416	55.00000	.00000	5.04300	5.04300	5.00600	5.00600
4.500	15.698	.00000	5.02160	.02145	.05014	55.00000	.00000	5.03900	5.03900	5.00010	5.00010
4.500	16.643	.00000	5.01960	.01944	.04611	55.00000	.00000	5.03900	5.03900	5.00010	5.00010
4.500	17.701	.00000	5.01960	.01944	.05014	55.00000	.00000	5.03900	5.03900	5.00010	5.00010
4.500	19.652	.00000	5.02160	.02145	.05014	55.00000	.00000	5.03900	5.03900	5.00010	5.00010
4.500	23.639	.00000	5.01810	.02092	.04208	55.00000	.00000	5.03900	5.03900	4.99720	4.99720
4.500	24.705	.00000	5.02250	.01648	.04208	55.00000	.00000	5.03900	5.03900	5.00600	5.00600
4.500	27.675	.00000	5.01900	.01595	.03805	55.00000	.00000	5.03500	5.03500	5.00310	5.00310
4.500	31.683	.00000	5.02050	.01447	.03403	55.00000	.00000	5.03500	5.03500	5.00600	5.00600
4.500	GRADIENT	.00000	-.00038	.00051	.00021	.00000	.00000	.00014	.00014	-.00090	-.00090

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

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LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A110) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 410/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.441	1.96780	5.01780	-.00300	.02610	55.00000	.00000	5.01480	5.02080	5.01480	5.02080
2.500	-.434	1.96780	5.01540	.00345	.02610	55.00000	.00000	5.01890	5.01200	5.01890	5.01200
2.500	1.550	1.96780	5.01490	-.00004	.02220	55.00000	.00000	5.01480	5.01490	5.01480	5.01490
2.500	3.545	1.96780	5.01540	.00345	.02220	55.00000	.00000	5.01890	5.01200	5.01890	5.01200
2.500	4.590	1.96780	5.01340	.00144	.02610	55.00000	.00000	5.01480	5.01200	5.01480	5.01200
2.500	5.577	1.96780	5.01040	.00439	.02610	55.00000	.00000	5.01480	5.00600	5.01480	5.00600
2.500	7.562	1.96780	5.00690	.00386	.01830	55.00000	.00000	5.01080	5.00310	5.01080	5.00310
2.500	9.659	1.96780	5.00900	.00587	.01830	55.00000	.00000	5.01490	5.00310	5.01480	5.00310
2.500	11.582	1.96780	5.00450	.01031	.01830	55.00000	.00000	5.01480	4.99420	5.01480	4.99420
2.500	12.570	1.96780	5.00300	.01178	.01439	55.00000	.00000	5.01480	4.99130	5.01480	4.99130
2.500	13.563	1.96780	5.00600	.00883	.01830	55.00000	.00000	5.01480	4.99720	5.01480	4.99720
2.500	14.587	1.96780	5.00450	.01031	.01439	55.00000	.00000	5.01480	4.99420	5.01480	4.99420
2.500	15.577	1.96780	5.00300	.01178	.01830	55.00000	.00000	5.01480	4.99130	5.01480	4.99130
2.500	16.560	1.95780	5.00250	.00829	.01830	55.00000	.00000	5.01080	4.99420	5.01080	4.99420
2.500	17.577	1.96780	5.00200	.00480	.01439	55.00000	.00000	5.00680	4.99720	5.00680	4.99720
2.500	19.592	1.96780	5.00450	.01031	.01830	55.00000	.00000	5.01480	4.99420	5.01480	4.99420
2.500	23.598	1.96780	5.00250	.00829	.01830	55.00000	.00000	5.01080	4.99420	5.01080	4.99420
2.500	24.567	-1.28520	5.00200	.00460	.01830	55.00000	.00000	5.00680	4.99720	5.00680	4.99720
2.500	27.576	1.96780	4.99900	.00775	.01439	55.00000	.00000	5.00680	4.99130	5.00680	4.99130
2.500	31.588	1.96780	4.99550	.00722	.01049	55.00000	.00000	5.00270	4.98830	5.00270	4.98830
	GRADIENT	.00000	-.00048	.00053	-.00028	-.00000	.00000	.00005	-.00100	.00005	-.00100

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A110) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 4217 0 FN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
3.500	-2.364	1.98670	5.05050	.07078	.05014	55.00000	.00000	5.07120	5.07120	5.02970	5.02970
3.500	-1.330	1.98670	5.04350	.61970	.05014	55.00000	.00000	5.06320	5.06320	5.02380	5.02380
3.500	1.650	1.98670	5.04700	.02024	.05014	55.00000	.00000	5.06720	5.06720	5.02670	5.02670
3.500	3.672	1.98670	5.04700	.02024	.05416	55.00000	.00000	5.06720	5.06720	5.02380	5.02380
3.500	4.652	1.98670	5.04550	.02172	.05014	55.00000	.00000	5.06720	5.06720	5.01790	5.01790
3.500	5.666	1.98670	5.04050	.02266	.05014	55.00000	.00000	5.06320	5.06320	5.02970	5.02970
3.500	7.667	1.98670	5.04850	.01876	.05014	55.00000	.00000	5.06320	5.06320	5.02670	5.02670
3.500	9.670	1.98670	5.04500	.01822	.05416	55.00000	.00000	5.06320	5.06320	5.02670	5.02670
3.500	11.642	1.98670	5.04700	.02024	.05416	55.00000	.00000	5.06320	5.06320	5.02380	5.02380
3.500	12.650	1.98670	5.04350	.01370	.05014	55.00000	.00000	5.06720	5.06720	5.02670	5.02670
3.500	13.677	1.98670	5.04700	.02024	.05416	55.00000	.00000	5.06720	5.06720	5.02670	5.02670
3.500	14.624	1.98670	5.04400	.02320	.05014	55.00000	.00000	5.06720	5.06720	5.02080	5.02080
3.500	15.673	1.98670	5.04200	.02118	.05014	55.00000	.00000	5.06320	5.06320	5.03260	5.03260
3.500	16.650	1.98670	5.04990	.01728	.05416	55.00000	.00000	5.06320	5.06320	5.02380	5.02380
3.500	17.644	1.98670	5.04350	.01970	.04611	55.00000	.00000	5.07120	5.07120	5.02380	5.02380
3.500	19.693	1.98670	5.04750	.02373	.05416	55.00000	.00000	5.06320	5.06320	5.01790	5.01790
3.500	23.633	1.98670	5.04050	.02266	.05416	55.00000	.00000	5.06720	5.06720	5.02670	5.02670
3.500	24.676	1.98670	5.04700	.02024	.05416	55.00000	.00000	5.06320	5.06320	5.02670	5.02670
3.500	27.677	1.98670	5.04500	.01822	.05014	55.00000	.00000	5.06320	5.06320	5.02080	5.02080
3.500	31.649	1.98670	5.04200	.02118	.05014	55.00000	.00000	5.06320	5.06320	5.02080	5.02080
3.500	GRADIENT	-.00000	-.00026	.00011	.00027	-.00000	.00000	-.00025	-.00025	-.00047	-.00047

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A110) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = 2.000 ELV-LO = 5.000
 ELV-L1 = 5.000 ELV-R1 = 5.000
 ELV-R0 = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 430/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-R0	ELV-L1	ELV-R1
4.500	-2.440	1.98670	5.02100	.01796	.04611	55.00000	.00000	5.03900	5.00310	5.03900	5.00310
4.500	-.392	1.98670	5.01860	.02441	.04611	55.00000	.00000	5.04300	4.99420	5.04300	4.99420
4.500	1.704	1.98670	5.01860	.02441	.05014	55.00000	.00000	5.04300	4.99420	5.04300	4.99420
4.500	3.724	1.98670	5.02250	.01648	.04611	55.00000	.00000	5.03900	5.00600	5.03900	5.00600
4.500	4.700	1.98670	5.02510	.02199	.05416	55.00000	.00000	5.04710	5.00310	5.04710	5.00310
4.500	5.712	1.98670	5.01810	.02092	.04611	55.00000	.00000	5.03900	4.99720	5.03900	4.99720
4.500	7.690	1.98670	5.02010	.02293	.05014	55.00000	.00000	5.04300	4.99720	5.04300	4.99720
4.500	9.650	-1.26630	5.02510	.02199	.05416	55.00000	.00000	5.04710	5.00310	5.04710	5.00310
4.500	11.733	1.98670	5.01860	.02441	.05014	55.00000	.00000	5.04300	4.99420	5.04300	4.99420
4.500	12.709	1.98670	5.02160	.02145	.05416	55.00000	.00000	5.04300	5.00010	5.04300	5.00010
4.500	13.686	1.98670	5.02400	.01500	.05014	55.00000	.00000	5.03900	5.00900	5.03900	5.00900
4.500	14.646	1.98670	5.02450	.01850	.05014	55.00000	.00000	5.04300	5.00600	5.04300	5.00600
4.500	15.696	1.98670	5.02310	.01998	.05416	55.00000	.00000	5.04300	5.00310	5.04300	5.00310
4.500	16.705	1.98670	5.01660	.02240	.04611	55.00000	.00000	5.03900	4.99420	5.03900	4.99420
4.500	17.716	1.98670	5.02100	.01796	.05014	55.00000	.00000	5.03900	5.00310	5.03900	5.00310
4.500	19.608	1.98670	5.01960	.01944	.04611	55.00000	.00000	5.03900	5.00010	5.03900	5.00010
4.500	23.681	1.98670	5.01810	.02092	.03403	55.00000	.00000	5.03900	4.99720	5.03900	4.99720
4.500	24.657	1.98670	5.01900	.01595	.03403	55.00000	.00000	5.03500	5.00310	5.03500	5.00310
4.500	27.640	1.98670	5.02250	.01648	.03805	55.00000	.00000	5.03900	5.00600	5.03900	5.00600
4.500	31.693	1.98670	5.01160	.02334	.03000	55.00000	.00000	5.03500	4.98830	5.03500	4.98830
4.500	.00000	.00000	.00060	-.00002	.00079	.00000	.00000	.00058	.00061	.00058	.00061

REFERENCE DATA

SREF = 2630.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -2.500
 ELV-LI = -2.500 ELV-RI = -7.500
 ELV-RO = -7.500 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
2.500	-2.435	.0000	-5.01830	2.51310	.04611	55.00000	.00000	-2.50530	-2.50530	-7.53140	-7.53140
2.500	-4.416	.0000	-5.02940	2.52020	.03805	55.00000	.00000	-2.50920	-2.50920	-7.54970	-7.54970
2.500	1.614	.0000	-5.02440	2.51920	.03000	55.00000	.00000	-2.50530	-2.50530	-7.54360	-7.54360
2.500	3.573	.0000	-5.03050	2.52520	.02610	55.00000	.00000	-2.50530	-2.50530	-7.55570	-7.55570
2.500	4.580	.0000	-5.03660	2.53130	.02610	55.00000	.00000	-2.50530	-2.50530	-7.56790	-7.56790
2.500	5.549	.0000	-5.04770	2.53850	.02220	55.00000	.00000	-2.50920	-2.50920	-7.58620	-7.58620
2.500	7.581	.0000	-5.03370	2.54140	.02220	55.00000	.00000	-2.49740	-2.49740	-7.58010	-7.58010
2.500	9.595	.0000	-5.04980	2.54850	.02220	55.00000	.00000	-2.50130	-2.50130	-7.59830	-7.59830
2.500	11.582	.0000	-5.03870	2.54140	.02220	55.00000	.00000	-2.49740	-2.49740	-7.58010	-7.58010
2.500	12.564	.0000	-5.04280	2.54940	.02220	55.00000	.00000	-2.49340	-2.49340	-7.59230	-7.59230
2.500	13.556	.0000	-5.03170	2.54230	.02610	55.00000	.00000	-2.48950	-2.48950	-7.57400	-7.57400
2.500	14.563	.0000	-5.03170	2.54230	.03000	55.00000	.00000	-2.48950	-2.48950	-7.57400	-7.57400
2.500	15.605	.0000	-5.02920	2.54420	.03000	55.00000	.00000	-2.48550	-2.48550	-7.57400	-7.57400
2.500	16.575	.0000	-5.03480	2.54520	.02220	55.00000	.00000	-2.48350	-2.48350	-7.58010	-7.58010
2.500	17.578	.0000	-5.03480	2.54530	.02610	55.00000	.00000	-2.48950	-2.48950	-7.58010	-7.58010
2.500	19.571	.0000	-5.03170	2.54230	.01830	55.00000	.00000	-2.48950	-2.48950	-7.57400	-7.57400
2.500	23.586	.0000	-5.03680	2.54330	.01830	55.00000	.00000	-2.49340	-2.49340	-7.58010	-7.58010
2.500	24.592	.0000	-5.04180	2.54440	.02220	55.00000	.00000	-2.49740	-2.49740	-7.58620	-7.58620
2.500	27.585	.0000	-5.05480	2.54960	.01830	55.00000	.00000	-2.50530	-2.50530	-7.60440	-7.60440
2.500	31.616	.0000	-5.04980	2.54850	.02610	55.00000	.00000	-2.50130	-2.50130	-7.59830	-7.59830
GRADIENT		.00000	-.00203	.00223	-.00295	-.00000	.00000	.00021	.00021	-.00425	-.00425

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A111) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 422/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELV-LO = -2.500
 ELV-LI = -2.500 ELV-RI = -7.500
 ELV-RO = -7.500 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
3.500	-2.345	.00000	-5.00100	2.48780	.04611	55.00000	.00000	-2.51320	-2.51320	-7.48880	-7.48880
3.500	-1.739	.00000	-4.99290	2.48370	.04611	55.00000	.00000	-2.50920	-2.50920	-7.47670	-7.47670
3.500	1.664	.00000	-4.99290	2.48370	.04208	55.00000	.00000	-2.50920	-2.50920	-7.47670	-7.47670
3.500	3.639	.00000	-4.99490	2.48170	.04208	55.00000	.00000	-2.51320	-2.51320	-7.48880	-7.48880
3.500	4.664	.00000	-5.00100	2.48780	.04208	55.00000	.00000	-2.51320	-2.51320	-7.48880	-7.48880
3.500	5.661	.00000	-5.00100	2.48780	.04208	55.00000	.00000	-2.51320	-2.51320	-7.48270	-7.48270
3.500	7.659	.00000	-4.99800	2.48480	.04611	55.00000	.00000	-2.51320	-2.51320	-7.48270	-7.48270
3.500	9.648	.00000	-4.99800	2.48480	.04208	55.00000	.00000	-2.51320	-2.51320	-7.48880	-7.48880
3.500	11.631	.00000	-5.00100	2.48780	.04611	55.00000	.00000	-2.51710	-2.51710	-7.49490	-7.49490
3.500	12.637	.00000	-5.00600	2.48890	.04208	55.00000	.00000	-2.51320	-2.51320	-7.49490	-7.49490
3.500	13.677	.00000	-5.00400	2.49090	.04208	55.00000	.00000	-2.51320	-2.51320	-7.50100	-7.50100
3.500	14.634	.00000	-5.00710	2.49390	.03805	55.00000	.00000	-2.51710	-2.51710	-7.50100	-7.50100
3.500	15.630	.00000	-5.00910	2.49190	.03805	55.00000	.00000	-2.51320	-2.51320	-7.51320	-7.51320
3.500	16.677	.00000	-5.01320	2.50000	.03805	55.00000	.00000	-2.51710	-2.51710	-7.52530	-7.52530
3.500	17.677	.00000	-5.02120	2.50410	.03403	55.00000	.00000	-2.52900	-2.52900	-7.53750	-7.53750
3.500	19.680	.00000	-5.03320	2.50420	.03000	55.00000	.00000	-2.53290	-2.53290	-7.51920	-7.51920
3.500	23.668	.00000	-5.02610	2.49310	.03000	55.00000	.00000	-2.52900	-2.52900	-7.51920	-7.51920
3.500	24.666	.00000	-5.02610	2.49310	.03403	55.00000	.00000	-2.52900	-2.52900	-7.50710	-7.50710
3.500	27.672	.00000	-5.01800	2.48900	.03000	55.00000	.00000	-2.53690	-2.53690	-7.51320	-7.51320
3.500	31.640	.00000	-5.02500	2.48810	.03000	55.00000	.00000	-2.53690	-2.53690	-7.51320	-7.51320
3.500	GRADIENT	.00000	.00001	-.00021	-.00069	-.00000	.00000	-.00019	-.00019	.00022	.00022

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -2.500
 ELV-LI = -2.500 ELV-RI = -7.500
 ELV-RO = -7.500 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 432/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.363	.00000	-5.00420	2.50290	.05819	55.00000	.00000	-2.50130	-7.50710	-2.50130	-7.50710
4.500	-1.370	.00000	-5.00220	2.50490	.05014	55.00000	.00000	-2.49740	-7.50710	-2.49740	-7.50710
4.500	1.689	.00000	-5.00120	2.49980	.05014	55.00000	.00000	-2.50130	-7.50100	-2.50130	-7.50100
4.500	3.703	.00000	-5.00120	2.49980	.05014	55.00000	.00000	-2.50130	-7.50100	-2.50130	-7.50100
4.500	4.700	.00000	-5.00220	2.50490	.05014	55.00000	.00000	-2.49740	-7.50710	-2.49740	-7.50710
4.500	5.681	.00000	-5.00420	2.50290	.05014	55.00000	.00000	-2.50130	-7.50710	-2.50130	-7.50710
4.500	7.698	.00000	-5.00530	2.50790	.05014	55.00000	.00000	-2.49740	-7.51320	-2.49740	-7.51320
4.500	9.632	.00000	-5.00120	2.49980	.05014	55.00000	.00000	-2.50130	-7.50100	-2.50130	-7.50100
4.500	11.692	.00000	-5.00220	2.50490	.05416	55.00000	.00000	-2.49740	-7.50710	-2.49740	-7.50710
4.500	12.702	.00000	-5.00420	2.50290	.05014	55.00000	.00000	-2.50130	-7.50710	-2.50130	-7.50710
4.500	13.640	.00000	-5.00120	2.49980	.05014	55.00000	.00000	-2.50130	-7.50100	-2.50130	-7.50100
4.500	14.639	.00000	-5.00530	2.50790	.05014	55.00000	.00000	-2.49740	-7.51320	-2.49740	-7.51320
4.500	15.645	.00000	-5.00720	2.50590	.04611	55.00000	.00000	-2.50130	-7.51320	-2.50130	-7.51320
4.500	16.703	.00000	-5.00220	2.50490	.04611	55.00000	.00000	-2.49740	-7.50710	-2.49740	-7.50710
4.500	17.667	.00000	-5.00530	2.50790	.04611	55.00000	.00000	-2.49740	-7.51320	-2.49740	-7.51320
4.500	19.651	.00000	-5.00220	2.50490	.05014	55.00000	.00000	-2.49740	-7.50710	-2.49740	-7.50710
4.500	23.705	.00000	-5.01440	2.51700	.05014	55.00000	.00000	-2.49740	-7.53140	-2.49740	-7.53140
4.500	24.630	.00000	-5.01640	2.51500	.04208	55.00000	.00000	-2.50130	-7.53140	-2.50130	-7.53140
4.500	27.683	.00000	-5.02440	2.51920	.04611	55.00000	.00000	-2.50530	-7.54360	-2.50530	-7.54360
4.500	31.709	.00000	-5.04360	2.53040	.04208	55.00000	.00000	-2.51320	-7.57400	-2.51320	-7.57400
4.500	GRADIENT	.00000	.00030	-.00014	-.00092	-.00000	.00000	.00016	.00045	.00016	.00045

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA
 BETA = .000
 ELV-LO = 2.500
 ELV-RI = -2.500
 ELEVON = .000
 AILRON = 2.500
 BDFLAP = 55.000
 RUDDER = .000

RUN NO. 412/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.414	.00000	-.01023	2.51360	.01049	55.00000	.00000	2.50330	-2.52380	2.50330	-2.52380
2.500	-4.426	.00000	-.00556	2.51310	.01439	55.00000	.00000	2.50750	-2.51860	2.50750	-2.51860
2.500	1.554	.00000	-.00815	2.51560	.00659	55.00000	.00000	2.51170	-2.52380	2.51170	-2.52380
2.500	3.599	.00000	-.01124	2.52590	.01049	55.00000	.00000	2.51170	-2.53410	2.51170	-2.53410
2.500	4.600	.00000	-.00606	2.51770	.01049	55.00000	.00000	2.51170	-2.52380	2.51170	-2.52380
2.500	5.573	.00000	-.01124	2.52290	.00659	55.00000	.00000	2.51170	-2.53410	2.51170	-2.53410
2.500	7.565	.00000	-.01174	2.52760	.01049	55.00000	.00000	2.51580	-2.53330	2.51580	-2.53330
2.500	9.584	.00000	-.01641	2.52810	.00659	55.00000	.00000	2.51170	-2.54450	2.51170	-2.54450
2.500	11.580	.00000	-.01483	2.53480	.01049	55.00000	.00000	2.52000	-2.54970	2.52000	-2.54970
2.500	12.554	.00000	-.01691	2.53270	.01049	55.00000	.00000	2.51580	-2.54970	2.51580	-2.54970
2.500	13.595	.00000	-.01899	2.53070	.01439	55.00000	.00000	2.51170	-2.54450	2.51170	-2.54450
2.500	14.600	.00000	-.01641	2.52810	.01049	55.00000	.00000	2.51170	-2.54970	2.51170	-2.54970
2.500	15.586	.00000	-.01899	2.53070	.01830	55.00000	.00000	2.51170	-2.54970	2.51170	-2.54970
2.500	16.554	.00000	-.01691	2.53270	.01830	55.00000	.00000	2.51170	-2.54970	2.51170	-2.54970
2.500	17.592	.00000	-.02158	2.53320	.01439	55.00000	.00000	2.51170	-2.55480	2.51170	-2.55480
2.500	19.581	.00000	-.02366	2.53120	.01439	55.00000	.00000	2.50750	-2.55480	2.50750	-2.55480
2.500	23.570	.00000	-.02158	2.53320	.01049	55.00000	.00000	2.51170	-2.55480	2.51170	-2.55480
2.500	24.572	.00000	-.01950	2.53530	.01439	55.00000	.00000	2.51580	-2.55480	2.51580	-2.55480
2.500	27.539	.00000	-.01950	2.53530	.01049	55.00000	.00000	2.51580	-2.55480	2.51580	-2.55480
2.500	31.585	.00000	-.01224	2.53220	.00659	55.00000	.00000	2.52000	-2.54450	2.52000	-2.54450
2.500	GRADIENT	.00000	.00009	.00106	-.00023	.00000	.00000	.00118	-.00098	.00118	-.00098

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 2.500
 ELV-LI = 2.500 ELV-RI = -2.500
 ELV-RO = -2.500 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 423/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.352	.00000	.00536	2.51880	.04208	55.00000	.00000	2.52420	-2.51340	2.52420	-2.51340
3.500	- .369	.00000	.00536	2.51880	.04208	55.00000	.00000	2.52420	-2.51340	2.52420	-2.51340
3.500	1.651	.00000	.00019	2.52400	.04208	55.00000	.00000	2.52420	-2.52380	2.52420	-2.52380
3.500	3.635	.00000	-.00240	2.52660	.03805	55.00000	.00000	2.52420	-2.52900	2.52420	-2.52900
3.500	4.669	.00000	-.00240	2.52660	.04208	55.00000	.00000	2.52420	-2.52900	2.52420	-2.52900
3.500	5.663	.00000	-.00240	2.52660	.04611	55.00000	.00000	2.52420	-2.52900	2.52420	-2.52900
3.500	7.640	.00000	-.00240	2.52660	.04611	55.00000	.00000	2.52420	-2.52900	2.52420	-2.52900
3.500	9.657	.00000	-.00707	2.52710	.04208	55.00000	.00000	2.52000	-2.53410	2.52000	-2.53410
3.500	11.662	.00000	-.00966	2.52970	.04208	55.00000	.00000	2.52000	-2.53930	2.52000	-2.53930
3.500	12.641	.00000	-.01432	2.53020	.04208	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
3.500	13.687	.00000	-.01174	2.52760	.04208	55.00000	.00000	2.51580	-2.53930	2.51580	-2.53930
3.500	14.634	.00000	-.01432	2.53020	.04208	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
3.500	15.638	.00000	-.01432	2.53020	.04208	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
3.500	16.621	.00000	-.01691	2.53270	.04208	55.00000	.00000	2.51580	-2.54970	2.51580	-2.54970
3.500	17.677	.00000	-.02417	2.53580	.03805	55.00000	.00000	2.51170	-2.56000	2.51170	-2.56000
3.500	19.654	.00000	-.00707	2.52710	.03403	55.00000	.00000	2.52000	-2.53410	2.52000	-2.53410
3.500	23.681	.00000	-.01432	2.53020	.03000	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
3.500	24.628	.00000	-.01432	2.53020	.03403	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
3.500	27.684	.00000	-.01174	2.52760	.02610	55.00000	.00000	2.51580	-2.53930	2.51580	-2.53930
3.500	31.628	.00000	-.00966	2.52970	.01830	55.00000	.00000	2.52000	-2.53930	2.52000	-2.53930
3.500	GRADIENT	-.00000	-.00131	.00131	-.00027	-.00000	.00000	.00000	-.00263	.00000	-.00263

ORIGINAL PAGE IS
 OF POOR QUALITY

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

PAGE 587

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A112) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 2.500
 ELV-LI = 2.500 ELV-RI = -2.500
 ELV-RO = -2.500 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 433/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.397	.00000	-.00366	2.52970	.04208	55.00000	.00000	2.52000	-2.53930	2.52000	-2.53930
4.500	-1.363	.00000	-.00366	2.52370	.04208	55.00000	.00000	2.52000	-2.53930	2.52000	-2.53930
4.500	1.693	.00000	-.01432	2.53020	.04208	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
4.500	3.688	.00000	-.00865	2.52030	.04208	55.00000	.00000	2.51170	-2.52900	2.51170	-2.52900
4.500	4.695	.00000	-.00398	2.51980	.04611	55.00000	.00000	2.51580	-2.52380	2.51580	-2.52380
4.500	5.600	.00000	-.00398	2.51980	.04208	55.00000	.00000	2.51580	-2.52380	2.51580	-2.52380
4.500	7.696	.00000	-.00915	2.52500	.04208	55.00000	.00000	2.51580	-2.53410	2.51580	-2.53410
4.500	9.683	.00000	-.00606	2.51770	.04208	55.00000	.00000	2.51170	-2.52380	2.51170	-2.52380
4.500	11.653	.00000	-.01124	2.52290	.03805	55.00000	.00000	2.51170	-2.53410	2.51170	-2.53410
4.500	12.701	.00000	-.01124	2.52290	.03805	55.00000	.00000	2.51170	-2.53410	2.51170	-2.53410
4.500	13.667	.00000	-.01174	2.52760	.04208	55.00000	.00000	2.51580	-2.53930	2.51580	-2.53930
4.500	14.673	.00000	-.01432	2.53020	.04208	55.00000	.00000	2.51580	-2.54450	2.51580	-2.54450
4.500	15.711	.00000	-.01382	2.52550	.03805	55.00000	.00000	2.51170	-2.53930	2.51170	-2.53930
4.500	16.643	.00000	-.00915	2.52500	.04208	55.00000	.00000	2.51580	-2.53410	2.51580	-2.53410
4.500	17.658	.00000	-.00915	2.52500	.04208	55.00000	.00000	2.51580	-2.53410	2.51580	-2.53410
4.500	19.706	.00000	-.01382	2.52550	.03805	55.00000	.00000	2.51170	-2.53930	2.51170	-2.53930
4.500	23.620	.00000	-.01899	2.53070	.03000	55.00000	.00000	2.51170	-2.54970	2.51170	-2.54970
4.500	24.695	.00000	-.02108	2.52860	.02220	55.00000	.00000	2.50750	-2.54970	2.50750	-2.54970
4.500	27.679	.00000	-.01849	2.52600	.02220	55.00000	.00000	2.50750	-2.54450	2.50750	-2.54450
4.500	31.693	.00000	-.01849	2.52600	.02610	55.00000	.00000	2.50750	-2.54450	2.50750	-2.54450
4.500	GRADIENT	.00000	.00058	-.00157	.00039	.00000	.00000	-.00098	.00214	-.00098	.00214

REFERENCE DATA

SREF = 2690.0000 SO.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000
 ELY-LO = 7.500
 ELY-LI = 7.500
 ELY-RI = 7.500
 ELEVON = 5.000
 AILRON = 2.500
 BDFLAP = .000
 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 413/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELY-LO	ELY-LI	ELY-RI
2.500	-2.432	.00000	5.02500	2.51230	.00269	55.00000	.00000	7.53730	7.53730	7.53730
2.500	-4.416	.00000	5.02240	2.51490	.00659	55.00000	.00000	7.53730	7.53730	7.53730
2.500	1.603	.00000	5.02980	2.51200	.00659	55.00000	.00000	7.54180	7.54180	7.54180
2.500	3.599	.00000	5.02010	2.51260	.00269	55.00000	.00000	7.53270	7.53270	7.53270
2.500	4.629	.00000	5.02270	2.51000	.00269	55.00000	.00000	7.53270	7.53270	7.53270
2.500	5.565	.00000	5.02240	2.51490	.00659	55.00000	.00000	7.53730	7.53730	7.53730
2.500	7.635	.00000	5.01750	2.51520	.00659	55.00000	.00000	7.53270	7.53270	7.53270
2.500	9.602	.00000	5.01780	2.51030	.00659	55.00000	.00000	7.52810	7.52810	7.52810
2.500	11.558	.00000	5.01520	2.51290	.00269	55.00000	.00000	7.51890	7.51890	7.51890
2.500	12.600	.00000	5.01060	2.50830	.00269	55.00000	.00000	7.51430	7.51430	7.51430
2.500	13.609	.00000	5.00570	2.50860	.00659	55.00000	.00000	7.50970	7.50970	7.50970
2.500	14.540	.00000	5.00350	2.50630	.00269	55.00000	.00000	7.51430	7.51430	7.51430
2.500	15.553	.00000	5.00320	2.51120	.00659	55.00000	.00000	7.50970	7.50970	7.50970
2.500	16.561	.00000	5.00600	2.50370	.01049	55.00000	.00000	7.50970	7.50970	7.50970
2.500	17.576	.00000	5.00350	2.50630	.01049	55.00000	.00000	7.50970	7.50970	7.50970
2.500	19.565	.00000	5.00350	2.50630	.01049	55.00000	.00000	7.50520	7.50520	7.50520
2.500	23.574	.00000	4.99860	2.50660	.01049	55.00000	.00000	7.51430	7.51430	7.51430
2.500	24.618	.00000	5.00060	2.51370	.00659	55.00000	.00000	7.50520	7.50520	7.50520
2.500	27.595	.00000	4.99860	2.50660	.00659	55.00000	.00000	7.50520	7.50520	7.50520
2.500	31.653	.00000	4.99860	2.50660	.00269	55.00000	.00000	7.50520	7.50520	7.50520
2.500	GRADIENT	.00000	-.00038	-.00035	-.00019	.00000	.00000	-.00072	-.00072	-.00003

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 939.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 7.500
 ELV-LI = 7.500 ELV-RI = 2.500
 ELV-RO = 2.500 ELEVON = 5.000
 AILRON = 2.500 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 424/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
3.500	-2.346	.0000	4.98740	2.49020	.03805	55.00000	.00000	7.47760	7.47760	2.49720	2.49720
3.500	-1.346	.00000	4.98740	2.49020	.03403	55.00000	.00000	7.47760	7.47760	2.49720	2.49720
3.500	1.675	.00000	4.98480	2.49280	.03805	55.00000	.00000	7.47760	7.47760	2.49200	2.49200
3.500	3.656	.00000	4.98770	2.48540	.03403	55.00000	.00000	7.47310	7.47310	2.50230	2.50230
3.500	4.650	.00000	4.98230	2.48990	.03805	55.00000	.00000	7.48220	7.48220	2.50230	2.50230
3.500	5.650	.00000	4.98420	2.49280	.03805	55.00000	.00000	7.47760	7.47760	2.49200	2.49200
3.500	7.641	.00000	4.98190	2.49280	.03805	55.00000	.00000	7.47760	7.47760	2.49200	2.49200
3.500	9.630	.00000	4.98250	2.49050	.03403	55.00000	.00000	7.47310	7.47310	2.49200	2.49200
3.500	11.668	.00000	4.98570	2.47820	.02610	55.00000	.00000	7.46390	7.46390	2.50750	2.50750
3.500	12.631	.00000	4.98310	2.48080	.03000	55.00000	.00000	7.46390	7.46390	2.50230	2.50230
3.500	13.653	.00000	4.98310	2.48080	.03000	55.00000	.00000	7.46390	7.46390	2.50230	2.50230
3.500	14.667	.00000	4.98360	2.47790	.03403	55.00000	.00000	7.46850	7.46850	2.51270	2.51270
3.500	15.653	.00000	4.98330	2.47550	.02610	55.00000	.00000	7.46390	7.46390	2.51270	2.51270
3.500	16.665	.00000	4.98660	2.47330	.02220	55.00000	.00000	7.45930	7.45930	2.50230	2.50230
3.500	17.641	.00000	4.98310	2.46080	.02610	55.00000	.00000	7.46390	7.46390	2.50750	2.50750
3.500	19.635	.00000	4.98600	2.48050	.02610	55.00000	.00000	7.46390	7.46390	2.51270	2.51270
3.500	23.653	.00000	4.98330	2.47560	.01830	55.00000	.00000	7.46390	7.46390	2.51780	2.51780
3.500	24.654	.00000	4.98090	2.47300	.02220	55.00000	.00000	7.46850	7.46850	2.50230	2.50230
3.500	27.662	.00000	4.98540	2.48310	.02220	55.00000	.00000	7.46850	7.46850	2.51270	2.51270
3.500	31.654	.00000	4.98660	2.47330	.01830	55.00000	.00000	7.45930	7.45930	2.51270	2.51270
3.500	GRADIENT	-.00000	.00048	-.00033	-.00005	-.00000	.00000	.00015	.00015	.00080	.00080

REFERENCE DATA

SREF = 2630.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6500 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 7.500 ELV-RI = 7.500
 ELV-LI = 7.500 ELV-RI = 2.500 ELEVON = 5.000
 AILRON = 2.500 BOFLAP = .000
 SFDBRK = 55.000 RUDDER = .000

PUN NO. 434/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SFDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.495	.0000	4.9550	2.4794	.03403	55.00000	.00000	7.44550	2.48680	7.44550	2.48680
4.500	-1.353	.00000	4.95330	2.46980	.03403	55.00000	.00000	7.45010	2.47650	7.45010	2.47650
4.500	1.603	.00000	4.97210	2.46620	.03805	55.00000	.00000	7.45930	2.48690	7.45930	2.48680
4.500	3.659	.00000	4.97240	2.48140	.03805	55.00000	.00000	7.45470	2.49200	7.45470	2.49200
4.500	4.634	.00000	4.98310	2.46080	.03805	55.00000	.00000	7.46390	2.50230	7.46390	2.50230
4.500	5.655	.00000	4.97820	2.49110	.03805	55.00000	.00000	7.45930	2.49720	7.45930	2.49720
4.500	7.623	.00000	4.97560	2.48360	.03805	55.00000	.00000	7.45930	2.49200	7.45930	2.49200
4.500	9.653	.00000	4.98110	2.47360	.03805	55.00000	.00000	7.45470	2.50750	7.45470	2.50750
4.500	11.657	.00000	4.95330	2.47330	.03805	55.00000	.00000	7.45930	2.51270	7.45930	2.51270
4.500	12.703	.00000	4.94370	2.47100	.03805	55.00000	.00000	7.45470	2.51270	7.45470	2.51270
4.500	13.654	.00000	4.96610	2.47330	.03403	55.00000	.00000	7.45930	2.51270	7.45930	2.51270
4.500	14.676	.00000	4.97850	2.47620	.03000	55.00000	.00000	7.45470	2.50230	7.45470	2.50230
4.500	15.629	.00000	4.97850	2.47620	.03805	55.00000	.00000	7.45470	2.50230	7.45470	2.50230
4.500	16.618	.00000	4.97850	2.47620	.03805	55.00000	.00000	7.45470	2.50230	7.45470	2.50230
4.500	17.646	.00000	4.98370	2.47100	.03403	55.00000	.00000	7.45470	2.50230	7.45470	2.50230
4.500	19.702	.00000	4.97620	2.47390	.03403	55.00000	.00000	7.45010	2.50230	7.45010	2.50230
4.500	23.734	.00000	4.98570	2.47820	.03403	55.00000	.00000	7.46390	2.50750	7.46390	2.50750
4.500	24.678	.00000	4.98110	2.47360	.03000	55.00000	.00000	7.45470	2.50750	7.45470	2.50750
4.500	27.643	.00000	4.98110	2.47360	.02610	55.00000	.00000	7.45470	2.50750	7.45470	2.50750
4.500	31.765	.00000	4.97390	2.47160	.02220	55.00000	.00000	7.44550	2.50230	7.44550	2.50230
4.500	GRADIENT	.00000	.00228	-.00009	.00067	-.00000	.00000	.00219	.00236	.00219	.00236

DATE 25 JUN 80 LA131 (LARC UPWT 1299) LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN (27A114) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 435/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELV-LO = -1.250
ELV-LI = -6.250 ELV-RI = -6.250
ELV-RO = -6.250 ELEVON = -5.000
AILRON = 2.500 BDFLAP = .000
SPDBRK = 55.000 RUDDER = .000

Table with columns: MACH, ALPHA, BETA, ELEVON, AILRON, BDFLAP, SPDBRK, RUDDER, ELV-LO, ELV-LI, ELV-RO, ELV-LI, ELV-RI, ELV-RO. Values range from -3.75870 to 31.602.

Table with columns: MACH, ALPHA, BETA, ELEVON, AILRON, BDFLAP, SPDBRK, RUDDER, ELV-LO, ELV-LI, ELV-RO, ELV-LI, ELV-RI, ELV-RO. Values range from -3.75870 to 31.602.

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A114) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -1.250
 ELV-LI = -6.250 ELV-RI = -6.250
 ELV-RO = -6.250 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 440 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.331	.00000	-3.72520	2.47370	.03000	55.00000	.00000	-1.25150	-6.19300	-6.25150	-6.19900
3.500	-1.374	.00000	-3.72020	2.47270	.03805	55.00000	.00000	-1.24750	-6.19290	-6.24750	-6.19290
3.500	1.628	.00000	-3.72830	2.47680	.03000	55.00000	.00000	-1.25150	-6.20510	-6.25150	-6.20510
3.500	3.677	.00000	-3.72930	2.48180	.03403	55.00000	.00000	-1.24750	-6.21110	-6.24750	-6.21110
3.500	4.677	.00000	-3.73230	2.48490	.03403	55.00000	.00000	-1.24750	-6.21720	-6.24750	-6.21720
3.500	5.612	.00000	-3.72420	2.48080	.03805	55.00000	.00000	-1.24340	-6.20510	-6.24340	-6.20510
3.500	7.704	.00000	-3.73440	2.48290	.03403	55.00000	.00000	-1.25150	-6.21720	-6.25150	-6.21720
3.500	9.709	.00000	-3.73940	2.48390	.03000	55.00000	.00000	-1.25560	-6.22330	-6.25560	-6.22330
3.500	11.649	.00000	-3.72730	2.48390	.03000	55.00000	.00000	-1.24340	-6.21110	-6.24340	-6.21110
3.500	12.627	.00000	-3.74050	2.48890	.03805	55.00000	.00000	-1.25150	-6.22940	-6.25150	-6.22940
3.500	13.630	.00000	-3.73540	2.48790	.03805	55.00000	.00000	-1.24750	-6.22330	-6.24750	-6.22330
3.500	14.649	.00000	-3.73230	2.48490	.03805	55.00000	.00000	-1.24750	-6.21720	-6.24750	-6.21720
3.500	15.644	.00000	-3.74050	2.48990	.03403	55.00000	.00000	-1.25150	-6.22940	-6.25150	-6.22940
3.500	16.612	.00000	-3.73940	2.48390	.03000	55.00000	.00000	-1.25560	-6.22330	-6.25560	-6.22330
3.500	17.615	.00000	-3.74250	2.48690	.03000	55.00000	.00000	-1.25560	-6.22940	-6.25560	-6.22940
3.500	19.626	.00000	-3.74350	2.49200	.03403	55.00000	.00000	-1.25150	-6.23550	-6.25150	-6.23550
3.500	23.650	.00000	-3.74150	2.49400	.03403	55.00000	.00000	-1.24750	-6.23550	-6.24750	-6.23550
3.500	24.607	.00000	-3.75260	2.48890	.03000	55.00000	.00000	-1.26370	-6.24160	-6.26370	-6.24160
3.500	27.699	.00000	-3.76260	2.49600	.02220	55.00000	.00000	-1.26770	-6.25980	-6.26770	-6.25980
3.500	31.671	.00000	-3.76570	2.49710	.03000	55.00000	.00000	-1.25960	-6.25370	-6.25960	-6.25370
3.500	GRADIENT	.00000	-1.00126	.00171	.00022	-.00000	.00000	.00044	-.00296	.00044	-.00296

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A114) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -1.250
 ELV-LI = -6.250 ELV-RI = -6.250
 ELV-RO = -6.250 ELEVON = -5.000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 441/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.331	.00000	-3.77290	2.49300	.05416	55.00000	.00000	-1.27990	-6.26590	-6.27990	-6.26590
4.500	-.384	.00000	-3.77590	2.49610	.05014	55.00000	.00000	-1.27990	-6.27200	-6.27990	-6.27200
4.500	1.624	.00000	-3.77190	2.48790	.05014	55.00000	.00000	-1.28390	-6.25980	-6.28390	-6.25980
4.500	3.672	.00000	-3.76880	2.48490	.05014	55.00000	.00000	-1.28390	-6.25370	-6.28390	-6.25370
4.500	4.590	.00000	-3.77490	2.49100	.05416	55.00000	.00000	-1.28390	-6.26590	-6.28390	-6.26590
4.500	5.594	.00000	-3.76480	2.48900	.05819	55.00000	.00000	-1.27580	-6.25370	-6.27580	-6.25370
4.500	7.630	.00000	-3.77690	2.48900	.04611	55.00000	.00000	-1.28800	-6.26590	-6.28800	-6.26590
4.500	9.696	.00000	-3.76780	2.49200	.05416	55.00000	.00000	-1.27580	-6.25980	-6.27580	-6.25980
4.500	11.622	.00000	-3.77390	2.48590	.04611	55.00000	.00000	-1.28800	-6.25980	-6.28800	-6.25980
4.500	12.602	.00000	-3.76380	2.48390	.05014	55.00000	.00000	-1.27990	-6.24760	-6.27990	-6.24760
4.500	13.615	.00000	-3.77490	2.49100	.05014	55.00000	.00000	-1.28390	-6.26590	-6.28390	-6.26590
4.500	14.620	.00000	-3.76680	2.48690	.05014	55.00000	.00000	-1.27990	-6.25370	-6.27990	-6.25370
4.500	15.634	.00000	-3.77390	2.48590	.05014	55.00000	.00000	-1.28800	-6.25980	-6.28800	-6.25980
4.500	16.593	.00000	-3.77490	2.49100	.05014	55.00000	.00000	-1.28390	-6.26590	-6.28390	-6.26590
4.500	17.667	.00000	-3.76980	2.49000	.05819	55.00000	.00000	-1.27990	-6.25980	-6.27990	-6.25980
4.500	19.680	.00000	-3.76380	2.48390	.05014	55.00000	.00000	-1.27990	-6.24760	-6.27990	-6.24760
4.500	23.688	.00000	-3.76380	2.48390	.05416	55.00000	.00000	-1.27990	-6.24760	-6.27990	-6.24760
4.500	24.618	.00000	-3.76980	2.49000	.04611	55.00000	.00000	-1.27990	-6.25980	-6.27990	-6.25980
4.500	27.625	.00000	-3.76980	2.49000	.04611	55.00000	.00000	-1.27990	-6.25980	-6.27990	-6.25980
4.500	31.678	.00000	-3.77090	2.49500	.04611	55.00000	.00000	-1.27580	-6.26590	-6.27580	-6.26590
4.500	GRADIENT	-.00000	.00026	-.00096	-.00008	.00000	.00000	-.00069	.00122	-.00069	.00122

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A115) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 3.750
 ELV-LI = -1.250 ELV-RI = -1.250
 ELEVON = -1.250 ELEVON = .000
 AILRON = 2.500 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 436/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.413	.00000	1.22090	2.50330	.02220	55.00000	.00000	3.72420	-1.28240	-1.27580	-1.28240
2.500	-1.460	.00000	1.22550	2.50280	.02220	55.00000	.00000	3.72830	-1.27720	-1.27170	-1.27720
2.500	1.542	.00000	1.21830	2.50590	.02220	55.00000	.00000	3.72420	-1.28760	-1.27580	-1.28760
2.500	3.524	.00000	1.20790	2.51620	.01830	55.00000	.00000	3.72420	-1.30830	-1.27580	-1.30830
2.500	4.615	.00000	1.20730	2.51620	.01439	55.00000	.00000	3.72420	-1.30830	-1.27580	-1.30830
2.500	5.552	.00000	1.21260	2.51570	.01830	55.00000	.00000	3.72830	-1.30310	-1.27170	-1.30310
2.500	7.584	.00000	1.20490	2.52350	.01830	55.00000	.00000	3.72830	-1.31860	-1.27170	-1.31860
2.500	9.529	.00000	1.21050	2.51360	.01439	55.00000	.00000	3.72420	-1.30310	-1.27580	-1.30310
2.500	11.574	.00000	1.20540	2.51880	.01439	55.00000	.00000	3.72420	-1.31340	-1.27580	-1.31340
2.500	12.611	.00000	1.21520	2.51310	.01439	55.00000	.00000	3.72830	-1.29790	-1.27170	-1.29790
2.500	13.588	.00000	1.20540	2.51880	.01439	55.00000	.00000	3.72420	-1.31340	-1.27580	-1.31340
2.500	14.579	.00000	1.20840	2.51160	.01439	55.00000	.00000	3.72000	-1.30310	-1.28000	-1.30310
2.500	15.535	.00000	1.21050	2.51360	.02220	55.00000	.00000	3.72420	-1.30310	-1.27580	-1.30310
2.500	16.549	.00000	1.21050	2.51360	.01830	55.00000	.00000	3.72420	-1.30310	-1.27580	-1.30310
2.500	17.590	.00000	1.20540	2.51880	.01830	55.00000	.00000	3.72420	-1.31340	-1.27580	-1.31340
2.500	19.551	.00000	1.20330	2.51670	.01830	55.00000	.00000	3.72000	-1.31340	-1.28000	-1.31340
2.500	23.548	.00000	1.20540	2.51880	.00269	55.00000	.00000	3.72420	-1.31340	-1.27580	-1.31340
2.500	24.562	.00000	1.19810	2.52190	.00659	55.00000	.00000	3.72000	-1.32380	-1.28000	-1.32380
2.500	27.576	.00000	1.20540	2.51880	-.00121	55.00000	.00000	3.72420	-1.31340	-1.27580	-1.31340
2.500	31.600	.00000	1.20740	2.52090	.00659	55.00000	.00000	3.72830	-1.31340	-1.27170	-1.31340
2.500	GRADIENT	.00000	-.00241	.00217	-.00103	-.00000	.00000	-.00023	-.00459	-.00023	-.00459

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO

LREF = 474.8100 INCHES YMRP = .0000 IN. YO

BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO

SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 3.750

ELV-LI = -1.250 ELV-RI = -1.250

ELV-RO = -1.250 ELEVON = .000

AILRCN = 2.500 BDFLAP = .000

SPDBRK = 55.000 RUDDER = .000

GRADIENT INTERVAL = -5.00/ 5.00

RUN NO. 439/ 0 RN/L = 2.00

AILRON

BDFLAP

SPDBRK

RUDDER

ELEVON

BETA

GRADIENT

ELV-LO

ELV-LI

ELV-RO

ELEVON

BDFLAP

SPDBRK

RUDDER

AILRON

BETA

GRADIENT

ELV-LO

ELV-LI

ELV-RO

ELEVON

BDFLAP

SPDBRK

RUDDER

AILRON

BETA

GRADIENT

ELV-LO

ELV-LI

ELV-RO

ELEVON

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SPDBRK

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ELV-LI

ELV-RO

ELEVON

BDFLAP

SPDBRK

RUDDER

AILRON

BETA

GRADIENT

(27A115) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.5800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 3.750
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = -1.250 ELEVON = .000
 AILRON = 2.500 BOFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 442/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
4.500	-2.336	.0000	1.23290	2.49970	.03403	55.00000	.00000	3.73250	-1.26750	-1.26690	-1.26750	-1.26690
4.500	-1.344	.00000	1.23330	2.49500	.03000	55.00000	.00000	3.72930	-1.26170	-1.26170	-1.27170	-1.26170
4.500	1.665	.00000	1.23330	2.49500	.03000	55.00000	.00000	3.72830	-1.26170	-1.26170	-1.27170	-1.26170
4.500	3.663	.00000	1.23120	2.49290	.02610	55.00000	.00000	3.72420	-1.27580	-1.26170	-1.27580	-1.26170
4.500	4.674	.00000	1.22600	2.49810	.02610	55.00000	.00000	3.72420	-1.27580	-1.26170	-1.27580	-1.26170
4.500	5.714	.00000	1.22300	2.50540	.03403	55.00000	.00000	3.72830	-1.27170	-1.28240	-1.27170	-1.28240
4.500	7.600	.00000	1.22040	2.50900	.03403	55.00000	.00000	3.72830	-1.27170	-1.28760	-1.27170	-1.28760
4.500	9.524	.00000	1.21830	2.50530	.03000	55.00000	.00000	3.72420	-1.27170	-1.26690	-1.27170	-1.26690
4.500	11.589	.00000	1.23070	2.49760	.03403	55.00000	.00000	3.72420	-1.27580	-1.27210	-1.27580	-1.27210
4.500	12.607	.00000	1.22600	2.49760	.03000	55.00000	.00000	3.72830	-1.27170	-1.26690	-1.27170	-1.26690
4.500	13.652	.00000	1.23070	2.49760	.03403	55.00000	.00000	3.72830	-1.27170	-1.26690	-1.27170	-1.26690
4.500	14.610	.00000	1.22040	2.50800	.03605	55.00000	.00000	3.73250	-1.26170	-1.26170	-1.26170	-1.26170
4.500	15.668	.00000	1.22540	2.49710	.04208	55.00000	.00000	3.72830	-1.26170	-1.26170	-1.26170	-1.26170
4.500	16.609	.00000	1.22300	2.50540	.03805	55.00000	.00000	3.72830	-1.27580	-1.26170	-1.27580	-1.26690
4.500	17.621	.00000	1.22860	2.49500	.04611	55.00000	.00000	3.72420	-1.26170	-1.26170	-1.26170	-1.26170
4.500	19.617	.00000	1.23330	2.49500	.03905	55.00000	.00000	3.72420	-1.27220	-1.26170	-1.27220	-1.26690
4.500	23.642	.00000	1.22350	2.50070	.04611	55.00000	.00000	3.72420	-1.27580	-1.26590	-1.27580	-1.26690
4.500	24.615	.00000	1.23070	2.49760	.04208	55.00000	.00000	3.72420	-1.27580	-1.26590	-1.27580	-1.26690
4.500	27.662	.00000	1.22860	2.49500	.04208	55.00000	.00000	3.72420	-1.26170	-1.26170	-1.26170	-1.26170
4.500	31.692	.00000	1.23120	2.49290	.03403	55.00000	.00000	3.72420	-1.26170	-1.26170	-1.26170	-1.26170
4.500	GRADIENT	.00000	-1.00080	-1.00038	-1.00111	-1.00000	.00000	-1.00116	-1.00116	-1.00041	-1.00116	-1.00041

(27A116) (24 JUN 80)

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2590.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 935.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 8.750
 ELV-LI = 3.750 ELV-RI = 3.750
 ELEVON = 3.750 ELEVON = 5.000
 AILRCN = 2.500 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

PUN NO. 437/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVCH	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.437	.00000	6.24320	2.46470	.02220	55.00000	.00000	8.70780	3.77850	3.70780	3.77850
2.500	-1.409	.00000	6.24780	2.46420	.02220	55.00000	.00000	8.71200	3.78370	3.71200	3.78370
2.500	1.640	.00000	6.25770	2.45850	.02220	55.00000	.00000	8.71620	3.79320	3.71620	3.79320
2.500	3.524	.00000	6.25510	2.46110	.02610	55.00000	.00000	8.71620	3.79400	3.71620	3.79400
2.500	4.666	.00000	6.25300	2.45900	.02220	55.00000	.00000	8.71200	3.79400	3.71200	3.79400
2.500	5.559	.00000	6.25300	2.45900	.02220	55.00000	.00000	8.71200	3.79400	3.71200	3.79400
2.500	7.563	.00000	6.25300	2.46370	.02220	55.00000	.00000	8.71520	3.78880	3.71520	3.78880
2.500	9.638	.00000	6.25300	2.46370	.01830	55.00000	.00000	8.70780	3.79400	3.70780	3.79400
2.500	11.604	.00000	6.24570	2.46210	.02220	55.00000	.00000	8.70780	3.78370	3.70780	3.78370
2.500	12.568	.00000	6.24320	2.46470	.01930	55.00000	.00000	8.70780	3.77850	3.70780	3.77850
2.500	13.554	.00000	6.25300	2.45900	.02220	55.00000	.00000	8.71200	3.79400	3.71200	3.79400
2.500	14.524	.00000	6.23800	2.45790	.02220	55.00000	.00000	8.70780	3.76820	3.70780	3.76820
2.500	15.559	.00000	6.24290	2.46370	.01830	55.00000	.00000	8.71620	3.78370	3.71620	3.78370
2.500	16.526	.00000	6.24010	2.47190	.02220	55.00000	.00000	8.71200	3.76820	3.71200	3.76820
2.500	17.533	.00000	6.23920	2.46330	.02220	55.00000	.00000	8.70780	3.76820	3.70780	3.76820
2.500	19.579	.00000	6.24060	2.46720	.02220	55.00000	.00000	8.70780	3.77330	3.70780	3.77330
2.500	23.611	.00000	6.24530	2.46080	.02220	55.00000	.00000	8.71200	3.77850	3.71200	3.77850
2.500	24.540	.00000	6.24320	2.46470	.01830	55.00000	.00000	8.70780	3.77850	3.70780	3.77850
2.500	27.617	.00000	6.23020	2.47760	.01830	55.00000	.00000	8.70780	3.75270	3.70780	3.75270
2.500	31.596	.00000	6.21620	2.47300	.00269	55.00000	.00000	8.69520	3.73720	3.69520	3.73720
2.500	GRADIENT	.00000	.00158	-.00081	.00025	-.00000	.00000	.00078	.00239	.00078	.00239

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A116) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 8.750
 ELV-LI = 3.750 ELV-RI = 3.750
 ELV-RO = 3.750 ELEVON = 5.000
 AILRON = 2.500 BDFLAP = .000
 SPD BRK = 55.000 RUDDER = .000

RUN NO. 438/ 0 RN/L = 2.00 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPD BRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.354	.00000	6.25460	2.46580	.03805	55.00000	.00000	8.72040	3.78680	3.72040	3.78880
3.500	- .359	.00000	6.24990	2.46630	.03000	55.00000	.00000	8.71620	3.78370	3.71620	3.78370
3.500	1.669	.00000	6.25410	2.47050	.03805	55.00000	.00000	8.72460	3.78370	3.72460	3.78370
3.500	3.657	.00000	6.25040	2.46160	.03000	55.00000	.00000	8.71200	3.78680	3.71200	3.78680
3.500	4.594	.00000	6.24740	2.46890	.03000	55.00000	.00000	8.71620	3.77850	3.71620	3.77850
3.500	5.631	.00000	6.25460	2.46580	.03403	55.00000	.00000	8.72040	3.78680	3.72040	3.78680
3.500	7.673	.00000	6.24950	2.47100	.03403	55.00000	.00000	8.72040	3.77850	3.72040	3.77850
3.500	9.690	.00000	6.24480	2.47140	.02610	55.00000	.00000	8.71620	3.77330	3.71620	3.77330
3.500	11.630	.00000	6.24480	2.47100	.03403	55.00000	.00000	8.72040	3.77850	3.72040	3.77850
3.500	12.700	.00000	6.24780	2.46420	.02610	55.00000	.00000	8.71200	3.78370	3.71200	3.78370
3.500	13.608	.00000	6.24780	2.46420	.03000	55.00000	.00000	8.71200	3.78370	3.71200	3.78370
3.500	14.631	.00000	6.23960	2.47660	.03403	55.00000	.00000	8.71620	3.76300	3.71620	3.76300
3.500	15.650	.00000	6.24010	2.47190	.02610	55.00000	.00000	8.71200	3.76820	3.71200	3.76820
3.500	16.608	.00000	6.23490	2.47710	.02610	55.00000	.00000	8.71200	3.75780	3.71200	3.75780
3.500	17.681	.00000	6.23960	2.47660	.02610	55.00000	.00000	8.71620	3.76300	3.71620	3.76300
3.500	19.659	.00000	6.23960	2.47660	.03000	55.00000	.00000	8.71620	3.76300	3.71620	3.76300
3.500	23.658	.00000	6.23280	2.47500	.02220	55.00000	.00000	8.70780	3.75780	3.70780	3.75780
3.500	24.627	.00000	6.23280	2.47500	.02220	55.00000	.00000	8.70780	3.75780	3.70780	3.75780
3.500	27.702	.00000	6.24060	2.46720	.02220	55.00000	.00000	8.70780	3.77330	3.70780	3.77330
3.500	31.641	.00000	6.24060	2.46720	.02220	55.00000	.00000	8.70780	3.77330	3.70780	3.77330
3.500	GRADIENT	.00000	- .00073	.00002	- .00088	.00000	.00000	- .00072	- .00075	- .00072	- .00075

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 ELV-LI = 3.750
 ELV-RO = 3.750
 AILRON = 2.500
 SPDBRK = 55.000

ELV-LO = 8.750
 ELV-RI = 3.750
 ELEVON = 5.000
 BDFLAP = .000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 443/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.367	.00000	6.24740	2.46890	.04208	55.00000	.00000	8.71620	3.77850	3.71620	3.77850
4.500	- .375	.00000	6.24740	2.46990	.04208	55.00000	.00000	8.71620	3.77850	3.71620	3.77850
4.500	1.654	.00000	6.23800	2.46980	.03403	55.00000	.00000	8.70780	3.76820	3.70780	3.76820
4.500	3.671	.00000	6.24660	2.46720	.04208	55.00000	.00000	8.70780	3.77330	3.70780	3.77330
4.500	4.647	.00000	6.23800	2.46980	.03805	55.00000	.00000	8.70780	3.76820	3.70780	3.76820
4.500	5.675	.00000	6.24480	2.47140	.04208	55.00000	.00000	8.71620	3.77330	3.71620	3.77330
4.500	7.702	.00000	6.24270	2.46930	.03805	55.00000	.00000	8.71200	3.77330	3.71200	3.77330
4.500	9.643	.00000	6.24480	2.47140	.04611	55.00000	.00000	8.71620	3.77330	3.71620	3.77330
4.500	11.658	.00000	6.24530	2.46680	.04208	55.00000	.00000	8.71200	3.77850	3.71200	3.77850
4.500	12.635	.00000	6.24740	2.46890	.04611	55.00000	.00000	8.71620	3.77850	3.71620	3.77850
4.500	13.607	.00000	6.24740	2.46890	.04611	55.00000	.00000	8.71620	3.77850	3.71620	3.77850
4.500	14.611	.00000	6.25200	2.46840	.05014	55.00000	.00000	8.72040	3.78370	3.72040	3.78370
4.500	15.608	.00000	6.24480	2.47140	.05014	55.00000	.00000	8.71620	3.77330	3.71620	3.77330
4.500	16.603	.00000	6.23540	2.47240	.04611	55.00000	.00000	8.70780	3.76300	3.70780	3.76300
4.500	17.666	.00000	6.24220	2.47400	.04611	55.00000	.00000	8.71620	3.76820	3.71620	3.76820
4.500	19.599	.00000	6.24530	2.46680	.04208	55.00000	.00000	8.71200	3.77850	3.71200	3.77850
4.500	23.617	.00000	6.24690	2.47350	.04611	55.00000	.00000	8.72040	3.77330	3.72040	3.77330
4.500	24.628	.00000	6.24480	2.47140	.04208	55.00000	.00000	8.71620	3.77330	3.71620	3.77330
4.500	27.599	.00000	6.24480	2.47140	.04208	55.00000	.00000	8.71620	3.77330	3.71620	3.77330
4.500	31.652	.00000	6.23230	2.47970	.04208	55.00000	.00000	8.71200	3.75270	3.71200	3.75270
4.500	GRADIENT	-.00000	-.00143	-.00002	-.00044	-.00000	.00000	-.00143	-.00141	-.00143	-.00141

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000
 ELV-LO = -3.750
 ELV-LI = -6.250
 ELV-RI = -5.000
 ELEVON = .000
 BDFLAP = .000
 AILRON = 55.000
 RUDDER = .000

RUN NO. 444/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.501	.00000	-3.76850	.00218	.09443	55.00000	.00000	-3.76630	-3.77060	-6.26630	-6.27060
2.500	-1.464	.00000	-3.76850	.00218	.09041	55.00000	.00000	-3.76630	-3.77060	-6.26630	-6.27060
2.500	1.558	.00000	-3.76750	-.00278	.09041	55.00000	.00000	-3.77020	-3.76470	-6.27020	-6.26470
2.500	3.581	.00000	-3.76650	.00218	.09041	55.00000	.00000	-3.76630	-3.77060	-6.26630	-6.27060
2.500	4.650	.00000	-3.77400	.01163	.09041	55.00000	.00000	-3.76230	-3.78560	-6.26230	-6.28560
2.500	5.630	.00000	-3.77050	.01211	.09443	55.00000	.00000	-3.75840	-3.78260	-6.25840	-6.28260
2.500	7.578	.00000	-3.77740	.01115	.09443	55.00000	.00000	-3.76630	-3.78860	-6.26630	-6.28860
2.500	9.598	.00000	-3.77190	.00170	.08638	55.00000	.00000	-3.77020	-3.77360	-6.27020	-6.27360
2.500	11.632	.00000	-3.76750	.00912	.09443	55.00000	.00000	-3.75840	-3.77660	-6.25840	-6.27660
2.500	12.618	.00000	-3.76600	.00763	.09041	55.00000	.00000	-3.75840	-3.77360	-6.25840	-6.27360
2.500	13.644	.00000	-3.77200	.01361	.09041	55.00000	.00000	-3.75840	-3.78560	-6.25840	-6.28560
2.500	14.635	.00000	-3.77100	.00864	.09041	55.00000	.00000	-3.76230	-3.77960	-6.26230	-6.27960
2.500	15.596	.00000	-3.76210	.01158	.09846	55.00000	.00000	-3.75050	-3.77360	-6.25050	-6.27360
2.500	16.608	.00000	-3.76550	.01110	.09041	55.00000	.00000	-3.75440	-3.77660	-6.25440	-6.27660
2.500	17.644	.00000	-3.76800	.00565	.09041	55.00000	.00000	-3.76230	-3.77360	-6.26230	-6.27360
2.500	19.622	.00000	-3.77400	.01163	.09041	55.00000	.00000	-3.76230	-3.78560	-6.26230	-6.28560
2.500	23.595	.00000	-3.77550	.01313	.09041	55.00000	.00000	-3.76230	-3.78960	-6.26230	-6.28960
2.500	24.619	.00000	-3.76600	.00763	.09443	55.00000	.00000	-3.75840	-3.77360	-6.25840	-6.27360
2.500	27.631	.00000	-3.76800	.00565	.09041	55.00000	.00000	-3.76230	-3.77360	-6.26230	-6.27360
2.500	31.627	.00000	-3.77150	.00517	.09443	55.00000	.00000	-3.76630	-3.77360	-6.26630	-6.27660
2.500	GRADIENT	.00000	-.00053	.00088	-.00046	-.00000	.00000	.00036	-.00141	.00036	-.00141

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A117) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -3.750
 ELV-LI = -6.250 ELV-RI = -6.250
 ELV-RO = -3.750 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 447/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.408	.00000	-3.76750	-.00278	.09443	55.00000	.00000	-3.77020	-3.76470	-6.27020	-6.26470
3.500	-.374	.00000	-3.76600	-.00428	.09443	55.00000	.00000	-3.77020	-3.76170	-6.27020	-6.26170
3.500	1.657	.00000	-3.76790	-.00626	.09041	55.00000	.00000	-3.77420	-3.76170	-6.27420	-6.26170
3.500	3.666	.00000	-3.76750	-.00278	.09443	55.00000	.00000	-3.77020	-3.76470	-6.27020	-6.26470
3.500	4.625	.00000	-3.76600	-.00428	.09443	55.00000	.00000	-3.77020	-3.76170	-6.27020	-6.26170
3.500	5.658	.00000	-3.78290	.00869	.09041	55.00000	.00000	-3.77420	-3.79160	-6.27420	-6.29160
3.500	7.667	.00000	-3.77890	.01264	.09246	55.00000	.00000	-3.76630	-3.79160	-6.26630	-6.29160
3.500	9.682	.00000	-3.78090	.01067	.09443	55.00000	.00000	-3.77020	-3.79160	-6.27020	-6.29160
3.500	11.673	.00000	-3.78390	.01366	.09443	55.00000	.00000	-3.77020	-3.79750	-6.27020	-6.29750
3.500	12.675	.00000	-3.78040	.01414	.09041	55.00000	.00000	-3.76630	-3.79460	-6.26630	-6.29460
3.500	13.644	.00000	-3.78040	.01414	.09443	55.00000	.00000	-3.76630	-3.79460	-6.26630	-6.29460
3.500	14.695	.00000	-3.78540	.01515	.09443	55.00000	.00000	-3.77020	-3.80050	-6.27020	-6.30050
3.500	15.636	.00000	-3.78340	.01713	.09443	55.00000	.00000	-3.76630	-3.80050	-6.26630	-6.30050
3.500	16.700	.00000	-3.77990	.01761	.09443	55.00000	.00000	-3.76230	-3.79750	-6.26230	-6.29750
3.500	17.649	.00000	-3.77990	.01761	.09443	55.00000	.00000	-3.76230	-3.79750	-6.26230	-6.29750
3.500	19.647	.00000	-3.77500	.01660	.09443	55.00000	.00000	-3.75840	-3.79160	-6.25840	-6.29160
3.500	23.722	.00000	-3.78040	.01414	.09443	55.00000	.00000	-3.76630	-3.79460	-6.26630	-6.29460
3.500	24.720	.00000	-3.78390	.01366	.09041	55.00000	.00000	-3.77020	-3.79750	-6.27020	-6.29750
3.500	27.704	.00000	-3.78540	.01515	.08638	55.00000	.00000	-3.77020	-3.80050	-6.27020	-6.30050
3.500	31.473	.00000	-3.77440	.00816	.08638	55.00000	.00000	-3.76630	-3.78260	-6.26630	-6.28260
3.500	GRADIENT	.00000	.00006	-.00003	-.00003	.00000	.00000	-.00003	.00015	-.00003	-.00015

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A117) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -3.750
 ELV-LI = -6.250 ELV-RI = -6.250
 ELV-RO = -3.750 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 450/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.360	.00000	-3.75600	-.00630	.13470	55.00000	.00000	-3.75230	-3.74970	-6.26230	-6.24970
4.500	-.339	.00000	-3.75750	-.00481	.13470	55.00000	.00000	-3.76230	-3.75270	-6.26230	-6.25270
4.500	1.632	.00000	-3.75900	-.00332	.13470	55.00000	.00000	-3.76230	-3.75570	-6.26230	-6.25570
4.500	3.627	.00000	-3.76050	-.00182	.13067	55.00000	.00000	-3.76230	-3.75870	-6.26230	-6.25870
4.500	4.649	.00000	-3.76100	-.00529	.13470	55.00000	.00000	-3.76630	-3.75570	-6.26630	-6.25570
4.500	5.626	.00000	-3.76100	-.00529	.12665	55.00000	.00000	-3.76630	-3.75570	-6.26630	-6.25570
4.500	7.618	.00000	-3.75900	-.00332	.13067	55.00000	.00000	-3.76230	-3.75570	-6.26230	-6.25570
4.500	9.628	.00000	-3.75750	-.00481	.13067	55.00000	.00000	-3.76230	-3.75270	-6.26230	-6.25270
4.500	11.649	.00000	-3.76350	-.00117	.12665	55.00000	.00000	-3.76230	-3.76470	-6.26230	-6.26470
4.500	12.608	.00000	-3.75700	-.00134	.13067	55.00000	.00000	-3.75840	-3.75570	-6.25840	-6.25570
4.500	13.648	.00000	-3.76250	-.00380	.12665	55.00000	.00000	-3.75630	-3.75670	-6.25630	-6.2570
4.500	14.631	.00000	-3.76250	-.00380	.12665	55.00000	.00000	-3.76630	-3.75670	-6.26630	-6.2570
4.500	15.625	.00000	-3.75900	-.00332	.13067	55.00000	.00000	-3.76230	-3.75570	-6.26230	-6.25570
4.500	16.636	.00000	-3.76050	-.00182	.13067	55.00000	.00000	-3.76230	-3.75870	-6.26230	-6.25870
4.500	17.652	.00000	-3.76000	-.00165	.12262	55.00000	.00000	-3.75840	-3.76170	-6.25840	-6.26170
4.500	19.637	.00000	-3.76050	-.00182	.12262	55.00000	.00000	-3.76230	-3.75870	-6.26230	-6.25870
4.500	23.663	.00000	-3.75850	.00016	.11859	55.00000	.00000	-3.75840	-3.75840	-6.25840	-6.25870
4.500	24.654	.00000	-3.76150	.00315	.11457	55.00000	.00000	-3.75840	-3.76470	-6.25840	-6.26470
4.500	27.624	.00000	-3.76300	.00464	.11054	55.00000	.00000	-3.75840	-3.76770	-6.25840	-6.26770
4.500	31.660	.00000	-3.76700	.00069	.10651	55.00000	.00000	-3.76630	-3.76770	-6.26630	-6.26770
4.500	GRADIENT	.00000	-.00073	.00033	-.00027	.00000	.00000	-.00039	-.00106	-.00039	-.00106

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XHRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 1.250
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = 1.250 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 445/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.447	.00000	1.24280	.00740	.09443	55.00000	.00000	1.25020	1.23540	-1.24980	-1.26460
2.500	-.390	.00000	1.24800	.00543	.09443	55.00000	.00000	1.25440	1.24160	-1.24560	-1.25840
2.500	1.618	.00000	1.24060	.00527	.09041	55.00000	.00000	1.24590	1.23540	-1.25410	-1.26460
2.500	3.651	.00000	1.24590	.00429	.09443	55.00000	.00000	1.25020	1.24160	-1.24960	-1.25840
2.500	4.555	.00000	1.24590	.00429	.09443	55.00000	.00000	1.25020	1.24160	-1.24980	-1.25840
2.500	5.605	.00000	1.24060	.00527	.09041	55.00000	.00000	1.24590	1.23540	-1.25410	-1.26460
2.500	7.650	.00000	1.23910	.00683	.09041	55.00000	.00000	1.24590	1.23220	-1.25410	-1.26780
2.500	9.632	.00000	1.23910	.00683	.09041	55.00000	.00000	1.24590	1.24160	-1.25410	-1.26780
2.500	11.588	.00000	1.24370	.00216	.09443	55.00000	.00000	1.25020	1.23850	-1.24980	-1.26150
2.500	12.591	.00000	1.24430	.00585	.09443	55.00000	.00000	1.25020	1.23220	-1.24980	-1.26780
2.500	13.603	.00000	1.23910	.00683	.09041	55.00000	.00000	1.24590	1.24160	-1.25410	-1.25840
2.500	14.604	.00000	1.24370	.00216	.09443	55.00000	.00000	1.24590	1.23850	-1.25410	-1.26150
2.500	15.593	.00000	1.24010	.00158	.09041	55.00000	.00000	1.24160	1.23850	-1.25840	-1.26150
2.500	16.573	.00000	1.24220	.00371	.09443	55.00000	.00000	1.24590	1.23540	-1.25410	-1.26460
2.500	17.628	.00000	1.23950	.00314	.09041	55.00000	.00000	1.24160	1.23540	-1.25840	-1.26460
2.500	19.647	.00000	1.23690	.00469	.09443	55.00000	.00000	1.24160	1.23220	-1.25840	-1.26780
2.500	23.653	.00000	1.24220	.00371	.09443	55.00000	.00000	1.24590	1.23850	-1.25410	-1.26150
2.500	24.630	.00000	1.23910	.00683	.09443	55.00000	.00000	1.24590	1.23220	-1.25410	-1.26780
2.500	27.632	.00000	1.23750	.00838	.09041	55.00000	.00000	1.24590	1.22910	-1.25410	-1.27090
2.500	31.660	.00000	1.24220	.00371	.09041	55.00000	.00000	1.24590	1.23850	-1.25410	-1.26150
2.500	GRADIENT	-.00000	.00021	-.00047	-.00003	-.00000	.00000	-.00026	.00068	-.00026	.00068

DATE 25 JUN 80

LAI31 (LAPC UPWT 1299)

LAI31 MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A118) (24 JUN 80)

REFERENCE DATA

SREF = 2520.0000 SQ. IN. YMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6600 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 1.250
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = 1.250 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 4487 0 RH/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.390	.00000	1.23650	.01363	.09443	55.00000	.00000	1.25020	1.22290	-1.24980	-1.27710
3.500	-1.339	.00000	1.23600	.01519	.09846	55.00000	.00000	1.25020	1.21980	-1.24980	-1.28020
3.500	1.719	.00000	1.23650	.01363	.09041	55.00000	.00000	1.25020	1.22290	-1.24980	-1.27710
3.500	3.654	.00000	1.23810	.01207	.09846	55.00000	.00000	1.25020	1.22600	-1.24980	-1.27400
3.500	4.662	.00000	1.23500	.01519	.09346	55.00000	.00000	1.25020	1.21980	-1.24980	-1.28020
3.500	5.726	.00000	1.24290	.00740	.09846	55.00000	.00000	1.25020	1.23540	-1.24980	-1.26460
3.500	7.692	.00000	1.23440	.01150	.09443	55.00000	.00000	1.24590	1.22290	-1.25410	-1.27710
3.500	9.669	.00000	1.24120	.00936	.09846	55.00000	.00000	1.24590	1.23220	-1.24980	-1.26780
3.500	11.690	.00000	1.23600	.00934	.09443	55.00000	.00000	1.24590	1.22600	-1.25410	-1.27400
3.500	12.663	.00000	1.27600	.01763	.09846	55.00000	.00000	1.25020	1.22290	-1.24980	-1.27710
3.500	13.671	.00000	1.23240	.01305	.09846	55.00000	.00000	1.25020	1.21980	-1.24380	-1.28020
3.500	14.631	.00000	1.23370	.01052	.09346	55.00000	.00000	1.25020	1.22910	-1.25410	-1.27090
3.500	15.679	.00000	1.23370	.01052	.10249	55.00000	.00000	1.25020	1.22230	-1.25410	-1.27090
3.500	16.573	.00000	1.23440	.01150	.09846	55.00000	.00000	1.24590	1.21980	-1.24980	-1.27710
3.500	17.700	.00000	1.23500	.01519	.09846	55.00000	.00000	1.24590	1.22600	-1.24980	-1.28020
3.500	19.731	.00000	1.23600	.00934	.10249	55.00000	.00000	1.24590	1.22600	-1.25840	-1.27400
3.500	23.700	.00000	1.23380	.00781	.09846	55.00000	.00000	1.24160	1.22600	-1.25840	-1.27400
3.500	24.703	.00000	1.23380	.00781	.09443	55.00000	.00000	1.24160	1.22600	-1.25840	-1.27400
3.500	27.650	.00000	1.23380	.00781	.09443	55.00000	.00000	1.24160	1.21980	-1.26260	-1.27400
3.500	31.792	.00000	1.23260	.00878	.09041	55.00000	.00000	1.23740	1.21980	-1.26260	-1.28020
3.500	GRADIENT	.00000	.00000	-.00004	.00041	.00000	.00000	-.00000	.00007	-.00000	.00007

REFERENCE DATA

SREF = 2690.0000 SQ. IN. YMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6600 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .6200

PARAMETRIC DATA

BETA = .000 ELV-LO = 1.250
 ELV-LI = -1.250 ELV-RI = -1.250
 ELV-RO = 1.250 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 451/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.358	.00000	1.24860	.01012	.09846	55.00000	.00000	1.25870	1.23850	-1.24130	-1.26150
4.500	-1.347	.00000	1.25010	.09856	.09443	55.00000	.00000	1.25870	1.24160	-1.24130	-1.25840
4.500	1.622	.00000	1.24700	.01167	.03041	55.00000	.00000	1.25870	1.23540	-1.24130	-1.25460
4.500	3.636	.00000	1.25170	.00700	.09041	55.00000	.00000	1.25870	1.24470	-1.24130	-1.25530
4.500	4.656	.00000	1.24860	.01012	.09041	55.00000	.00000	1.25870	1.23850	-1.24130	-1.26150
4.500	5.621	.00000	1.24860	.01012	.09443	55.00000	.00000	1.25870	1.23850	-1.24130	-1.26150
4.500	7.637	.00000	1.24960	.00487	.09041	55.00000	.00000	1.25440	1.24470	-1.24560	-1.25530
4.500	9.643	.00000	1.25170	.00700	.09443	55.00000	.00000	1.25870	1.24470	-1.24130	-1.25530
4.500	11.620	.00000	1.24960	.00487	.09041	55.00000	.00000	1.25440	1.24470	-1.24560	-1.25530
4.500	12.614	.00000	1.24860	.01012	.09443	55.00000	.00000	1.25870	1.23850	-1.24130	-1.26150
4.500	13.626	.00000	1.24800	.00643	.09041	55.00000	.00000	1.25440	1.24160	-1.24560	-1.25840
4.500	14.651	.00000	1.25010	.00856	.09443	55.00000	.00000	1.25870	1.24160	-1.24130	-1.25840
4.500	15.646	.00000	1.24650	.00798	.09041	55.00000	.00000	1.25440	1.23850	-1.24560	-1.26150
4.500	16.663	.00000	1.24650	.00798	.08638	55.00000	.00000	1.25440	1.24470	-1.24980	-1.25530
4.500	17.641	.00000	1.24740	.00273	.09041	55.00000	.00000	1.25020	1.24470	-1.24130	-1.27090
4.500	19.641	.00000	1.24390	.01479	.09041	55.00000	.00000	1.25870	1.22910	-1.24130	-1.27090
4.500	23.631	.00000	1.24800	.00643	.08638	55.00000	.00000	1.25440	1.24160	-1.24560	-1.25840
4.500	24.639	.00000	1.24650	.00798	.08638	55.00000	.00000	1.25440	1.23850	-1.24560	-1.26150
4.500	27.659	.00000	1.24800	.00643	.08235	55.00000	.00000	1.25440	1.24160	-1.24560	-1.25840
4.500	31.638	.00000	1.24120	.00896	.06624	55.00000	.00000	1.25020	1.23220	-1.24980	-1.26780
4.500	GRADIENT	-.00000	.00012	-.00011	-.00115	-.00000	.00000	.00000	.00023	-.00000	.00023

(27A119) (24 JUN 80)

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

PARAMETRIC DATA

REFERENCE DATA

BETA = .000 ELV-LO = 6.250
 ELV-LI = 3.750 ELV-RI = 3.750
 ELV-RO = 6.250 ELEVON = 5.000
 AILRON = .000 BOFLAP = .000
 SPDRBK = 55.000 RUDDER = .000

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 4467 0 RIV/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDRBK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
2.500	-2.428	.00000	6.24930	.00281	.09443	55.00000	.00000	6.25210	3.75210	6.24650	3.74650
2.500	- .477	.00000	6.24700	.00507	.09443	55.00000	.00000	6.25210	3.75210	6.24190	3.74190
2.500	1.557	.00000	6.24270	.00531	.09041	55.00000	.00000	6.24800	3.74800	6.23740	3.73740
2.500	3.659	.00000	6.24500	.00305	.09041	55.00000	.00000	6.24800	3.74800	6.24190	3.74190
2.500	4.580	.00000	6.24050	.00757	.09041	55.00000	.00000	6.24800	3.74800	6.23290	3.73290
2.500	5.625	.00000	6.23820	.00983	.09041	55.00000	.00000	6.24800	3.74800	6.22840	3.72840
2.500	7.572	.00000	6.23820	.00983	.09041	55.00000	.00000	6.24800	3.74800	6.22840	3.72840
2.500	9.637	.00000	6.23820	.00781	.08638	55.00000	.00000	6.24400	3.74400	6.22840	3.72840
2.500	11.671	.00000	6.23620	.00781	.09041	55.00000	.00000	6.24400	3.74400	6.22390	3.72390
2.500	13.567	.00000	6.23390	.01007	.09041	55.00000	.00000	6.24400	3.74400	6.22390	3.72390
2.500	14.570	.00000	6.23850	.00555	.08638	55.00000	.00000	6.24400	3.74400	6.23290	3.73290
2.500	15.643	.00000	6.24050	.00757	.09443	55.00000	.00000	6.24800	3.74800	6.23290	3.73290
2.500	16.556	.00000	6.23420	.00580	.08638	55.00000	.00000	6.24000	3.74000	6.22840	3.72840
2.500	17.549	.00000	6.23620	.00781	.09041	55.00000	.00000	6.24400	3.74400	6.22840	3.72840
2.500	19.587	.00000	6.23620	.00781	.09041	55.00000	.00000	6.24400	3.74400	6.21940	3.71940
2.500	23.569	.00000	6.23170	.01233	.08638	55.00000	.00000	6.24400	3.74400	6.21940	3.71940
2.500	24.623	.00000	6.23390	.01007	.09041	55.00000	.00000	6.24400	3.74400	6.22390	3.72390
2.500	27.638	.00000	6.23620	.00781	.09041	55.00000	.00000	6.24400	3.74400	6.22840	3.72840
2.500	31.598	.00000	6.24050	.00757	.08638	55.00000	.00000	6.24800	3.74800	6.23290	3.73290
2.500	GRADIENT	.00000	-.00104	.00036	-.00068	-.00000	.00000	-.00069	-.00069	-.00141	-.00141

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 ELV-LI = 3.750
 ELV-RO = 6.250
 AILRON = .000
 SPDBRK = 55.000

ELV-LO = 6.250
 ELV-RI = 3.750
 ELEVON = 5.000
 BDFLAP = .000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 449/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-2.426	.00000	6.24220	.01386	.10249	55.00000	.00000	6.25610	6.22840	3.75610	3.72840
3.500	-1.303	.00000	6.24020	.01184	.09846	55.00000	.00000	6.25210	6.22840	3.75210	3.72840
3.500	1.710	.00000	6.23570	.01636	.10249	55.00000	.00000	6.25210	6.21940	3.75210	3.71940
3.500	3.737	.00000	6.23900	.01410	.09846	55.00000	.00000	6.25210	6.22390	3.75210	3.72390
3.500	4.683	.00000	6.23900	.01410	.10249	55.00000	.00000	6.25210	6.22390	3.75210	3.72390
3.500	5.652	.00000	6.23370	.01434	.10249	55.00000	.00000	6.24800	6.21940	3.74800	3.71940
3.500	7.717	.00000	6.23600	.01209	.10249	55.00000	.00000	6.24800	6.22390	3.74800	3.72390
3.500	9.717	.00000	6.22940	.01459	.09846	55.00000	.00000	6.24400	6.21480	3.74400	3.71480
3.500	11.683	.00000	6.23140	.01660	.09846	55.00000	.00000	6.24800	6.21480	3.74800	3.71480
3.500	12.703	.00000	6.23370	.01434	.09846	55.00000	.00000	6.24800	6.21940	3.74800	3.71940
3.500	13.639	.00000	6.23370	.01434	.10249	55.00000	.00000	6.24800	6.21940	3.74800	3.71940
3.500	14.666	.00000	6.23350	.01862	.10249	55.00000	.00000	6.25210	6.21480	3.75210	3.71480
3.500	15.698	.00000	6.23370	.01434	.10249	55.00000	.00000	6.24800	6.21940	3.74800	3.71940
3.500	16.719	.00000	6.23170	.01233	.09846	55.00000	.00000	6.24400	6.21940	3.74400	3.71940
3.500	17.646	.00000	6.22990	.00604	.09846	55.00000	.00000	6.23600	6.22390	3.73600	3.72390
3.500	19.633	.00000	6.24000	.01612	.09846	55.00000	.00000	6.25610	6.22390	3.75610	3.72390
3.500	23.639	.00000	6.23800	.01410	.09846	55.00000	.00000	6.25210	6.22390	3.75210	3.72390
3.500	24.622	.00000	6.24020	.01184	.09846	55.00000	.00000	6.25210	6.22840	3.75210	3.72840
3.500	27.696	.00000	6.25100	.00910	.10249	55.00000	.00000	6.26010	6.24190	3.76010	3.74190
3.500	31.736	.00000	6.24430	.01587	.09846	55.00000	.00000	6.26010	6.22840	3.76010	3.72840
3.500	GRADIENT	.00000	- .00062	.00016	- .00006	- .00000	.00000	- .00046	- .00079	- .00046	- .00079

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LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A119) (24 JUN 80)

REFERENCE DATA

SREF = 2590.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 935.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 6.250
 ELV-LI = 3.750 ELV-RI = 3.750
 ELV-RO = 6.250 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 452/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
4.500	-2.387	.00000	6.24250	.00958	.08235	55.00000	.00000	6.25210	3.75210	6.23290	3.75210	3.73290
4.500	-1.372	.00000	6.24250	.00958	.08638	55.00000	.00000	6.25210	3.75210	6.23290	3.75210	3.73290
4.500	1.622	.00000	6.24500	.00305	.08638	55.00000	.00000	6.24800	3.74800	6.24190	3.74800	3.74190
4.500	3.664	.00000	6.23820	.00983	.08638	55.00000	.00000	6.24800	3.74800	6.22840	3.74800	3.72840
4.500	4.646	.00000	6.24050	.00757	.09041	55.00000	.00000	6.24800	3.74800	6.23290	3.74800	3.73290
4.500	5.680	.00000	6.24470	.00733	.09846	55.00000	.00000	6.25210	3.75210	6.23740	3.75210	3.73740
4.500	7.632	.00000	6.24020	.01184	.09443	55.00000	.00000	6.25210	3.75210	6.22840	3.75210	3.72840
4.500	9.604	.00000	6.23800	.01410	.09443	55.00000	.00000	6.25210	3.75210	6.22390	3.75210	3.72390
4.500	11.650	.00000	6.24050	.00757	.09041	55.00000	.00000	6.24800	3.74800	6.23290	3.74800	3.73290
4.500	12.613	.00000	6.23600	.01209	.09041	55.00000	.00000	6.24800	3.74800	6.23290	3.74800	3.73290
4.500	13.651	.00000	6.24450	.01160	.09443	55.00000	.00000	6.25610	3.75610	6.23290	3.75610	3.73290
4.500	14.630	.00000	6.24250	.00958	.09846	55.00000	.00000	6.25210	3.75210	6.23290	3.75210	3.73290
4.500	15.640	.00000	6.24020	.01184	.09041	55.00000	.00000	6.25210	3.75210	6.22840	3.75210	3.72840
4.500	16.627	.00000	6.24470	.00733	.09443	55.00000	.00000	6.25210	3.75210	6.23740	3.75210	3.73740
4.500	17.619	.00000	6.23800	.01410	.09443	55.00000	.00000	6.25210	3.75210	6.2390	3.75210	3.7390
4.500	19.617	.00000	6.23800	.01410	.09443	55.00000	.00000	6.25210	3.75210	6.22390	3.75210	3.72390
4.500	23.640	.00000	6.23600	.01209	.09041	55.00000	.00000	6.24800	3.74800	6.22390	3.74800	3.72390
4.500	24.633	.00000	6.23600	.01209	.09041	55.00000	.00000	6.24800	3.74800	6.22390	3.74800	3.72390
4.500	27.625	.00000	6.23600	.00983	.09443	55.00000	.00000	6.24800	3.74800	6.22840	3.74800	3.72840
4.500	31.646	.00000	6.23170	.01233	.07832	55.00000	.00000	6.24400	3.74400	6.21940	3.74400	3.71940
4.500	GRADIENT	-.00000	-.00047	-.00022	.00085	-.00000	.00000	-.00070	-.00070	-.00025	-.00070	-.00025

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A120) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 453/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.087	9.58700	.00000	-9.55100	-9.53580	.07832	55.00000	.00000	-.01517	-24.08700	4.98480
2.500	-14.937	9.58940	.00000	-7.47860	-7.45830	.08235	55.00000	.00000	-.02035	-19.93700	4.97970
2.500	-9.951	9.59870	.00000	-4.98540	-4.96510	.07832	55.00000	.00000	-.02035	-14.95100	4.97970
2.500	-4.958	9.60510	.00000	-2.48920	-2.46890	.07832	55.00000	.00000	-.02035	-9.95810	4.97970
2.500	.200	9.60680	.00000	.08977	.11012	.08235	55.00000	.00000	-.02035	-4.80010	4.97970
2.500	5.390	9.60970	.00000	2.68460	2.70500	.08235	55.00000	.00000	-.02035	5.38962	4.97970
2.500	10.816	9.61090	.00000	5.39770	5.41810	.07832	55.00000	.00000	-.02035	10.81580	4.97970
2.500	15.777	9.61380	.00000	7.87590	7.90140	.07832	55.00000	.00000	-.02552	15.77700	4.97450
	GRADIENT	.00033	.00000	.50000	.50000	.00078	.00000	.00000	-.00000	1.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A121) (24 JUN 80)

RUN NO. 454/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.102	11.58600	.00000	-9.56880	-9.53290	.07832	55.00000	.00000	-.03586	-24.10200	4.96410
2.500	-14.944	11.58900	.00000	-7.48750	-7.45680	.08235	55.00000	.00000	-.03069	-19.94400	4.96930
2.500	-9.951	11.59500	.00000	-4.98290	-4.96770	.08235	55.00000	.00000	-.01517	-14.95100	4.98460
2.500	-4.954	11.60300	.00000	-2.48960	-2.46410	.08235	55.00000	.00000	-.02552	-9.95380	4.97450
2.500	.204	11.60200	.00000	.09449	.10966	.07832	55.00000	.00000	-.01517	-4.79580	4.98480
2.500	5.386	11.60200	.00000	2.68260	2.70300	.07832	55.00000	.00000	-.02035	5.38559	4.97970
2.500	10.823	11.60600	.00000	5.40150	5.42190	.07832	55.00000	.00000	-.02035	10.82340	4.97970
2.500	15.777	11.61100	.00000	7.89980	7.89980	.08235	55.00000	.00000	-.02035	15.77700	4.97970
	GRADIENT	-.00019	.00000	.50099	.49899	-.00078	.00000	.00000	.00201	1.00001	.00200

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LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A122) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 455/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.090	13.57100	.00000	-9.55800	-9.53250	.08235	55.00000	.00000	-.02552	-24.09000	4.97450
2.500	-14.941	13.57300	.00000	-7.48350	-7.46010	.08235	55.00000	.00000	-.02035	-19.94100	4.97970
2.500	-9.951	13.57600	.00000	-4.98230	-4.96770	.08235	55.00000	.00000	-.01517	-14.95100	4.98480
2.500	-4.949	13.57600	.00000	-2.48740	-2.46190	.08235	55.00000	.00000	-.02552	-9.94940	4.97450
2.500	.204	13.57600	.00000	.09449	.10966	.07832	55.00000	.00000	-.01517	-4.79580	4.98480
2.500	5.386	13.57700	.00000	2.67490	2.71070	.08235	55.00000	.00000	-.03566	.38559	4.96410
2.500	10.820	13.57600	.00000	5.39450	5.42510	.08235	55.00000	.00000	-.03069	5.81960	4.96930
2.500	15.777	13.57500	.00000	7.87590	7.90140	.08235	55.00000	.00000	-.02552	10.77700	4.97450
	GRADIENT	.00000	.00000	.50099	.49899	-.00078	.00000	.00000	.00201	1.00001	.00200

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A123) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 456/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.094	15.56400	.00000	-9.55730	-9.53690	.07430	55.00000	.00000	-.02035	-24.09400	4.97970
2.500	-14.948	15.56600	.00000	-7.48420	-7.46380	.07832	55.00000	.00000	-.02035	-19.94800	4.97970
2.500	-9.954	15.56700	.00000	-4.99000	-4.96450	.07832	55.00000	.00000	-.02552	-14.95500	4.97450
2.500	-4.945	15.56900	.00000	-2.48610	-2.46490	.08235	55.00000	.00000	-.01517	-9.94500	4.98480
2.500	.206	15.57000	.00000	.08687	.11956	.08235	55.00000	.00000	-.03069	-4.79160	4.96930
2.500	5.390	15.56700	.00000	2.67690	2.71270	.08235	55.00000	.00000	-.03586	.38962	4.96410
2.500	10.816	15.56700	.00000	5.39730	5.41810	.07832	55.00000	.00000	-.02035	5.81580	4.97970
2.500	15.769	15.56500	.00000	7.87430	7.89470	.08235	55.00000	.00000	-.02035	10.76900	4.97970
	GRADIENT	.00019	.00000	.49850	.50150	-.00000	.00000	.00000	.00301	.99999	-.00301

DATE 25 JUN 80

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LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A124) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SFDBRK = 55.000
 RUDDER = .000

RUN NO. 468/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.075	9.58060	.00000	-7.46040	7.61420	.07027	55.00000	.00000	.15380	-4.84620	-10.07500
2.500	-9.939	9.58240	.00000	-4.69470	5.04440	.06222	55.00000	.00000	.14975	-4.85020	-4.93910
2.500	-4.817	9.58300	.00000	-2.33390	2.48360	.06222	55.00000	.00000	.14975	-4.85020	.18246
2.500	.034	9.58590	.00000	.09167	.05808	.05819	55.00000	.00000	.14975	-4.85020	5.03360
2.500	4.636	9.59230	.00000	2.42270	-2.27290	.06222	55.00000	.00000	.15785	-4.85020	9.69560
2.500	9.168	9.59290	.00000	4.66270	-4.50480	.06624	55.00000	.00000	.14975	-4.85020	14.16700
2.500	14.852	9.59290	.00000	7.50600	-7.35630	.06222	55.00000	.00000	.14975	-4.85020	19.86200
	GRADIENT	.00098	.00000	.50001	-.49939	-.00001	-.00000	.00000	-.00000	.00000	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SFDBRK = 55.000
 RUDDER = .000

RUN NO. 467/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.082	11.55900	.00000	-7.46210	7.62000	.07027	55.00000	.00000	.15785	-4.84210	-10.08200
2.500	-9.944	11.55900	.00000	-4.89510	5.04890	.06222	55.00000	.00000	.15380	-4.84620	-4.94400
2.500	-4.817	11.55700	.00000	-2.33390	2.48360	.06222	55.00000	.00000	.14975	-4.85020	.18246
2.500	.047	11.55900	.00000	.10039	.05746	.06624	55.00000	.00000	.15785	-4.84210	5.04290
2.500	4.636	11.55700	.00000	2.42670	-2.26890	.06222	55.00000	.00000	.15785	-4.84210	9.69560
2.500	9.190	11.55900	.00000	4.64980	-4.54060	-.00511	55.00000	.00000	.10925	-4.89070	14.19000
2.500	14.844	11.55700	.00000	7.49710	-7.34730	.05819	55.00000	.00000	.14975	-4.85020	19.84400
	GRADIENT	.00000	.00000	.50043	-.49957	-.00001	-.00000	.00000	.00086	.00086	1.00000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A125) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 465/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.071	13.57600	.00000	-7.45860	7.61240	.06624	55.00000	.00000	.15380	-4.84620	-10.07100
2.500	-9.949	13.57600	.00000	-4.89510	5.04890	.07027	55.00000	.00000	.15380	-4.84620	-4.94400
2.500	-4.810	13.57400	.00000	-2.33000	2.47980	.06624	55.00000	.00000	.14975	-4.85020	.19020
2.500	.040	13.57500	.00000	.09681	.05699	.07027	55.00000	.00000	.15380	-4.84620	5.03980
2.500	4.696	13.57600	.00000	2.42470	-2.27090	.07027	55.00000	.00000	.15380	-4.84620	9.69560
2.500	9.199	13.57400	.00000	4.65440	-4.54510	.00269	55.00000	.00000	.10325	-4.89070	14.20000
2.500	14.849	13.57400	.00000	7.50340	-7.34550	.07027	55.00000	.00000	.15785	-4.84210	19.84900
	GRADIENT	.00021	.00000	.50021	-.49979	.00043	-.00000	.00000	.00043	.00042	1.00000

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 465/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.078	15.56200	.00000	-7.46430	7.61410	.07027	55.00000	.00000	.14975	-4.85020	-10.07800
2.500	-9.949	15.56400	.00000	-4.89960	5.04940	.06624	55.00000	.00000	.14975	-4.85020	-4.94900
2.500	-4.821	15.56500	.00000	-2.33580	2.48560	.06624	55.00000	.00000	.14975	-4.85020	.17859
2.500	.030	15.56500	.00000	.09011	.05964	.06222	55.00000	.00000	.14975	-4.85020	5.03050
2.500	4.698	15.56200	.00000	2.42620	-2.27240	.07027	55.00000	.00000	.15380	-4.84620	9.69850
2.500	9.163	15.56100	.00000	4.65630	-4.50660	.07027	55.00000	.00000	.14975	-4.85020	14.16300
2.500	14.853	15.56600	.00000	7.50160	-7.35180	.06624	55.00000	.00000	.14975	-4.85020	19.85300
	GRADIENT	-.00031	.00000	.50021	-.49980	.00041	-.00000	.00000	.00042	.00042	1.00000

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

LA131.MCDEL 106-0, SILTS ON, SB CAVITY OPEN

(27A128) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 469/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.137	9.59980	.00000	.08331	.08264	55.00000	.00000	.16595	-.00066	-4.83400	4.99930
2.500	-4.942	9.59630	.00000	.07817	.08373	55.00000	.00000	.16190	.00557	-4.83810	5.00560
2.500	.054	9.59580	.00000	.07459	.08327	55.00000	.00000	.15785	.00868	-4.84210	5.00870
2.500	5.276	9.59400	.00000	.07723	.07657	55.00000	.00000	.15380	-.00066	-4.84620	4.99930
2.500	10.313	9.59170	.00000	.08034	.07346	55.00000	.00000	.15380	-.00689	-4.84620	4.99310
2.500	15.257	9.58590	.00000	.07162	.07408	55.00000	.00000	.14570	.00245	-4.85430	5.00250
	GRADIENT	-.00010	-.00000	-.00072	-.00009	.00000	.00000	-.00081	.00062	-.00080	.00062

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 476/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	9.60570	.00000	.08395	.08886	55.00000	.00000	.18281	.01491	-4.81720	5.01490
2.500	-4.891	9.60160	.00000	.08649	.09205	55.00000	.00000	.17854	.00557	-4.82150	5.00560
2.500	.066	9.59930	.00000	.08804	.09050	55.00000	.00000	.17854	.00245	-4.82150	5.00250
2.500	4.871	9.59690	.00000	.09433	.06302	55.00000	.00000	.11735	.00868	-4.88260	5.00870
2.500	10.318	9.59580	.00000	.08747	.08680	55.00000	.00000	.17427	-.00066	-4.82570	4.99930
2.500	15.099	9.58940	.00000	.07365	.07610	55.00000	.00000	.14975	.00245	-4.85020	5.00250
	GRADIENT	-.00048	-.00000	-.00327	-.00296	-.00000	.00000	-.00624	.00031	-.00623	.00031

PARAMETRIC DATA

ALPHA = 10.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

(27A130) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 470/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.100	11.57700	.00000	.08493	.09361	55.00000	.00000	.17854	.00868	-4.82150	5.00870
2.500	-5.000	11.57200	.00000	.07817	.08373	55.00000	.00000	.16190	.00557	-4.83810	5.00560
2.500	.050	11.57000	.00000	.08128	.08062	55.00000	.00000	.16190	.00066	-4.83810	4.99930
2.500	5.255	11.57000	.00000	.08128	.08062	55.00000	.00000	.16190	.00066	-4.83810	4.99930
2.500	10.313	11.56500	.00000	.08844	.08156	55.00000	.00000	.17000	.00689	-4.83000	4.99310
2.500	15.248	11.55800	.00000	.09112	.07078	55.00000	.00000	.16190	.02035	-4.83810	4.97970
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(27A131) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 475/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.096	11.60100	.00000	.08862	.09419	55.00000	.00000	.18281	.00557	-4.81720	5.00560
2.500	-4.905	11.59800	.00000	.08337	.09517	55.00000	.00000	.17854	.01179	-4.82150	5.01180
2.500	.333	11.59400	.00000	.05885	.07065	55.00000	.00000	.12950	.01179	-4.87050	5.01180
2.500	.074	11.59700	.00000	.08747	.06680	55.00000	.00000	.17427	.00056	-4.82570	4.99930
2.500	5.196	11.59000	.00000	.07365	.07610	55.00000	.00000	.14975	.00245	-4.85020	5.00250
2.500	10.293	11.58600	.00000	.07972	.08218	55.00000	.00000	.16190	.00245	-4.83810	5.00250
2.500	15.271	11.58100	.00000	.08435	.08992	55.00000	.00000	.17427	.00557	-4.82570	5.00560
	GRADIENT	-.00048	.00000	-.00175	-.00321	.00000	.00000	-.00495	-.00146	-.00494	-.00147

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A132) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 471/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	13.60600	.00000	.09329	.08952	55.00000	.00000	.18281	-.00377	-4.81720	4.99620
2.500	-4.956	13.60500	.00000	.08591	.08836	55.00000	.00000	.17427	.00245	-4.82570	5.00250
2.500	.066	13.60200	.00000	.09075	.09632	55.00000	.00000	.18708	-.00557	-4.81290	5.00560
2.500	5.285	13.59500	.00000	.08950	.08894	55.00000	.00000	.17854	-.00066	-4.82150	4.99930
2.500	10.330	13.59000	.00000	.09173	.09107	55.00000	.00000	.18281	-.00066	-4.81720	4.99930
2.500	15.243	13.58700	.00000	.08960	.08894	55.00000	.00000	.17854	-.00066	-4.82150	4.99930
2.500	GRADIENT	-.00060	.00000	.00097	.00158	.00000	.00000	.00255	.00062	.00255	.00062

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A133) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 474/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-9.968	13.56600	.00000	.07412	.07968	55.00000	.00000	.15380	.00557	-4.84620	5.00560
2.500	-4.913	13.56400	.00000	.09435	.08992	55.00000	.00000	.17427	.00557	-4.82570	5.00560
2.500	.066	13.56000	.00000	.08430	.08992	55.00000	.00000	.17427	.00557	-4.82570	5.00560
2.500	5.255	13.55300	.00000	.08591	.08836	55.00000	.00000	.17427	.00245	-4.82570	5.00250
2.500	10.301	13.54900	.00000	.08533	.08467	55.00000	.00000	.17000	-.00066	-4.83000	4.99930
2.500	15.257	13.54900	.00000	.08331	.08264	55.00000	.00000	.16595	-.00066	-4.83400	4.99930
2.500	GRADIENT	-.00080	.00000	.00000	.00000	.00000	.00000	-.00000	.00000	.00000	.00000

ALPHA = 14.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A134) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 472/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.088	15.59200	.00000	.08960	.08894	55.00000	.00000	.17854	-.00066	-4.82150	4.99930
2.500	-4.898	15.58300	.00000	.08591	.08836	55.00000	.00000	.17427	.00245	-4.82570	5.00250
2.500	.054	15.58900	.00000	.08591	.08836	55.00000	.00000	.17427	.00245	-4.82570	5.00250
2.500	5.276	15.58300	.00000	.08377	.08623	55.00000	.00000	.17000	.00245	-4.83000	5.00250
2.500	10.276	15.58000	.00000	.08128	.08062	55.00000	.00000	.16190	-.00065	-4.83810	4.99930
2.500	15.234	15.57000	.00000	.08798	.07798	55.00000	.00000	.16595	-.01000	-4.83400	4.99000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	-.00000	.00000

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A135) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 473/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.076	15.59200	.00000	.08862	.09419	55.00000	.00000	.18281	.00557	-4.81720	5.00560
2.500	-4.902	15.59200	.00000	.09018	.09263	55.00000	.00000	.18281	.00245	-4.81720	5.00250
2.500	.050	15.58500	.00000	.08804	.09050	55.00000	.00000	.17854	.00245	-4.82150	5.00250
2.500	5.213	15.58200	.00000	.07770	.08015	55.00000	.00000	.15785	.00245	-4.84210	5.00250
2.500	10.322	15.57600	.00000	.08689	.08311	55.00000	.00000	.17000	-.00377	-4.83000	4.99620
2.500	15.201	15.56900	.00000	.08377	.08623	55.00000	.00000	.17000	.00245	-4.83000	5.00250
	GRADIENT	-.00141	.00000	-.00043	-.00043	.00000	.00000	-.00085	.00000	-.00087	.00000

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

(27A136) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 477/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	9.60280	1.99670	.08551	.09730	55.00000	.00000	.18281	.01179	-4.81720	5.01180
2.500	-4.898	9.60160	1.98670	.09018	.09263	55.00000	.00000	.18281	.00245	-4.81720	5.00250
2.500	.054	9.59750	1.98670	.08747	.08680	55.00000	.00000	.17427	-.00066	-4.82570	4.99930
2.500	5.255	9.59590	1.98670	.08689	.08311	55.00000	.00000	.17000	-.00377	-4.83000	4.99620
2.500	10.334	9.59400	1.98670	.08377	.08623	55.00000	.00000	.17000	.00245	-4.83000	5.00250
2.500	15.257	9.58940	1.98670	.08128	.08062	55.00000	.00000	.16190	-.00066	-4.83810	4.99930
	GRADIENT	-.00083	.00000	-.00055	-.00118	.00000	.00000	-.00172	-.00063	-.00172	-.00065

PARAMETRIC DATA

ALPHA = 10.000 BETA = 2.000
 E-LORI = 5.000 E-LTRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A137) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 478/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	11.57000	1.98670	.08920	.09788	55.00000	.00000	.18708	.00868	-4.81290	5.00870
2.500	-4.891	11.57100	1.98670	.08862	.09419	55.00000	.00000	.18281	.00557	-4.81720	5.00560
2.500	.066	11.56600	1.98670	.08804	.09050	55.00000	.00000	.17854	.00245	-4.82150	5.00250
2.500	5.280	11.56400	1.98670	.08222	.08778	55.00000	.00000	.17000	.00557	-4.83000	5.00560
2.500	10.309	11.56000	1.98670	.08147	.08650	55.00000	.00000	.17427	-.00066	-4.82570	4.99930
2.500	15.252	11.55200	1.98670	.08844	.08156	55.00000	.00000	.17000	-.00689	-4.83000	4.99310
	GRADIENT	-.00101	.00000	-.00012	-.00074	-.00000	.00000	-.00086	-.00063	-.00087	-.00063

PARAMETRIC DATA

ALPHA = 12.000 BETA = 2.000
 E-LORI = 5.000 E-LTRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A139) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 479/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.076	13.57700	1.98670	.08706	.09574	55.00000	.00000	.18281	.00968	-4.81720	5.00870
2.500	-4.291	13.57400	1.98570	.09320	.09788	55.00000	.00000	.18708	.00868	-4.81290	5.00870
2.500	.038	13.57000	1.98570	.09377	.08623	55.00000	.00000	.17000	.02245	-4.83000	5.00250
2.500	5.285	13.56300	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	-4.82570	5.00250
2.500	10.305	13.56000	1.98670	.08533	.08467	55.00000	.00000	.17000	-.00066	-4.83000	4.99930
2.500	15.262	13.55600	1.98670	.08128	.08062	55.00000	.00000	.16190	-.00066	-4.83810	4.99930
	GRADIENT	-.00081	.00000	-.00110	-.00236	-.00000	.00000	-.00347	-.00126	-.00347	-.00126

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A139) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 480/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	15.56700	1.98670	.08960	.08834	55.00000	.00000	.17854	-.00066	-4.82150	4.99930
2.500	-4.895	15.55400	1.98570	.08804	.09050	55.00000	.00000	.17854	.00245	-4.82150	5.00250
2.500	-.309	15.56200	1.98670	.06446	.07314	55.00000	.00000	.13760	.00868	-4.86240	5.00870
2.500	.098	15.56400	1.98570	.09427	.08427	55.00000	.00000	.17854	-.01000	-4.82150	4.99900
2.500	5.213	15.55600	1.98670	.08128	.08062	55.00000	.00000	.16190	-.00066	-4.83810	4.99930
2.500	10.374	15.55200	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	-4.82570	5.00250
2.500	15.271	15.54400	1.98670	.08377	.08623	55.00000	.00000	.17000	.00245	-4.83000	5.00250
	GRADIENT	-.00018	.00000	-.00141	-.00230	.00000	.00000	-.00371	-.00089	-.00370	-.00090

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

ALPHA = 14.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 460/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.090	9.57360	1.98670	-9.54710	-9.54330	.06222	55.00000	.00000	-.00377	-24.09000	4.99620
2.500	-14.955	9.57540	1.98670	-7.48120	-7.47430	.05819	55.00000	.00000	-.00689	-19.95500	4.99310
2.500	-9.959	9.57830	1.98670	-4.98420	-4.97420	.05014	55.00000	.00000	-.01000	-14.95800	4.99000
2.500	-4.958	9.58700	1.98670	-2.48250	-2.47560	.05819	55.00000	.00000	-.00689	-9.95810	4.99310
2.500	1.96	9.58760	1.98670	.09436	10.125	.05416	55.00000	.00000	-.00689	-4.80440	4.99310
2.500	5.386	9.58990	1.98670	2.68780	2.69780	.05819	55.00000	.00000	-.01000	5.82340	4.99000
2.500	10.823	9.59170	1.98670	5.40670	5.41670	.06222	55.00000	.00000	-.00689	10.77300	4.99310
2.500	15.773	9.59290	1.98670	7.88310	7.89000	.05819	55.00000	.00000	-.00000	1.00000	.00000
		.00012	-.00000	.50000	.50000	-.00078	-.00000	.00000			

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 459/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.090	11.58300	1.98670	-9.55020	-9.54020	.07832	55.00000	.00000	-.01000	-24.09000	4.99000
2.500	-14.933	11.58500	1.98670	-7.47000	-7.46310	.07832	55.00000	.00000	-.00689	-19.93300	4.99310
2.500	-9.943	11.59100	1.98670	-4.97320	-4.96940	.08235	55.00000	.00000	-.00377	-14.94300	4.99620
2.500	-4.954	11.59000	1.98670	-2.48190	-2.47190	.07430	55.00000	.00000	-.01000	-9.95380	4.99000
2.500	.213	11.59000	1.98670	10.290	10.979	.08235	55.00000	.00000	-.00689	-4.78730	4.99310
2.500	5.394	11.58800	1.98670	2.69340	2.70030	.07832	55.00000	.00000	-.00689	.39365	4.99310
2.500	10.823	11.58800	1.98670	5.40410	5.41930	.07832	55.00000	.00000	-.01517	5.82340	4.99480
2.500	15.769	11.58900	1.98670	7.87690	7.89210	.05819	55.00000	.00000	-.01517	10.76900	4.98480
		.00000	.00000	.50030	.49970	.00156	.00000	.00000			.00060

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

PARAMETRIC DATA

ALPHA = 10.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

ALPHA = 12.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 458/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 ALPHA = 14.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.098	13.58300	1.98670	-9.55910	-9.53880	.07832	55.00000	.00000	-.02035	-24.09800	4.97970
2.500	-14.933	13.58500	1.98670	-7.47160	-7.46160	.07832	55.00000	.00000	-.01000	-19.93300	4.99000
2.500	-9.951	13.58500	1.98670	-4.98540	-4.96510	.08235	55.00000	.00000	-.02035	-14.95100	4.97970
2.500	-4.958	13.58300	1.98670	-2.48410	-2.47410	.07832	55.00000	.00000	-.01000	-9.95810	4.99000
2.500	.204	13.58600	1.98670	.09449	.10966	.08235	55.00000	.00000	-.01517	-4.79580	4.98480
2.500	5.382	13.58400	1.98670	2.68320	2.69840	.07832	55.00000	.00000	-.01000	5.81580	4.99000
2.500	10.816	13.58400	1.98670	5.40290	5.41290	.08235	55.00000	.00000	-.01517	10.77300	4.98480
2.500	15.773	13.58300	1.98670	7.87900	7.89420	.07832	55.00000	.00000	-.00100	1.00000	-1.00101
	GRADIENT	.00058	.00000	.9951	.50051	.00078	.00000	.00000			

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 457/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.094	15.56400	1.98670	-9.55470	-9.53950	.07832	55.00000	.00000	-.01517	-24.09400	4.98480
2.500	-14.933	15.56700	1.98670	-7.47420	-7.45900	.08235	55.00000	.00000	-.01517	-19.93300	4.98480
2.500	-9.954	15.56700	1.98670	-4.98480	-4.96970	.07832	55.00000	.00000	-.01517	-14.95500	4.98480
2.500	-4.954	15.56700	1.98670	-2.48450	-2.46930	.08235	55.00000	.00000	-.01000	-9.95380	4.98480
2.500	.204	15.56500	1.98670	.09708	.10708	.08235	55.00000	.00000	-.01000	-4.79580	4.99000
2.500	5.382	15.56700	1.98670	2.68060	2.70100	.07832	55.00000	.00000	-.02035	.38156	4.97970
2.500	10.820	15.56700	1.98570	5.40220	5.41740	.08235	55.00000	.00000	-.01517	5.81960	4.98480
2.500	15.769	15.56700	1.98670	7.87430	7.89470	.07832	55.00000	.00000	-.02035	10.76900	4.97970
	GRADIENT	.00039	.00000	.50050	.49950	.00000	.00000	.00000			

(27A144) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 10.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 461/ 0 RN/L = 2.00 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ELV-RO	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.071	9.57710	-7.45860	7.61240	.06624	55.00000	.00000	.15380	-4.84620	-10.07100
2.500	-9.934	9.57950	-4.89020	5.04400	.07027	55.00000	.00000	.15380	-4.84620	-4.93410
2.500	-4.817	9.58050	-2.33190	2.48570	.07027	55.00000	.00000	.14570	-4.84620	.18246
2.500	.040	9.58530	.09276	.05294	.06222	55.00000	.00000	.13355	-4.85430	5.03980
2.500	4.696	9.58470	2.41460	-2.28100	.06624	55.00000	.00000	.13355	-4.86640	9.69560
2.500	9.154	9.58640	4.64360	-4.51010	.06624	55.00000	.00000	.12950	-4.86640	14.15400
2.500	14.871	9.58590	7.50040	-7.37090	.05819	55.00000	.00000	.13760	-4.87050	19.87100
2.500	17.380	9.58820	8.75880	-8.62120	.06624	55.00000	.00000	-.00213	-4.86240	22.38000
	GRADIENT	.00043	.49895	-.50107	-.00043	-.00000	.00000			1.00000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A145) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 12.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 462/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.071	11.56500	-7.46060	7.61030	.06624	55.00000	.00000	.14975	-4.85020	-10.07100
2.500	-9.944	11.56500	-4.89920	5.04490	.05819	55.00000	.00000	.14570	-4.85430	-4.94400
2.500	-4.817	11.56400	-2.33790	2.47960	.05819	55.00000	.00000	.14165	-4.85830	.18246
2.500	.034	11.56500	.08964	.05606	.05819	55.00000	.00000	.13355	-4.85430	5.03360
2.500	4.696	11.56600	2.41460	-2.28100	.05416	55.00000	.00000	.13760	-4.86640	9.69560
2.500	9.149	11.56400	4.64340	-4.50580	.06222	55.00000	.00000	.13760	-4.86640	14.14900
2.500	14.840	11.56400	7.48670	-7.35320	.05416	55.00000	.00000	.13355	-4.86640	19.84000
2.500	17.380	11.56200	8.75880	-8.62120	.06222	55.00000	.00000	.13760	-4.86240	22.38000
	GRADIENT	.00021	.49958	-.50042	-.00042	-.00000	.00000			1.00000

DATE 25 JUN 80 LA131 (LARC UPWT 1299)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A146) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 14.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 463/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.082	13.56700	1.98670	-7.47020	7.61190	.05416	55.00000	.00000	.14165	-4.85830	-10.08200
2.500	-9.929	13.56700	1.98670	-4.89170	5.03740	.05819	55.00000	.00000	.14570	-4.85430	-4.92920
2.500	-4.814	13.56700	1.98670	-2.33400	2.47970	.05819	55.00000	.00000	.14570	-4.85430	.18633
2.500	.034	13.56600	1.98670	.09572	.06213	.06624	55.00000	.00000	.15785	-4.84210	5.03360
2.500	4.698	13.56900	1.98670	2.42210	-2.27540	.05819	55.00000	.00000	.14570	-4.85430	9.69850
2.500	9.158	13.56900	1.98670	4.65610	-4.50230	.06222	55.00000	.00000	.15360	-4.84620	14.15800
2.500	14.862	13.56900	1.98670	7.50810	-7.35430	.06624	55.00000	.00000	.15360	-4.84620	19.86200
	GRADIENT	.00021	-.00000	.50001	-.49999	.00001	.00000	.00000	.00002	-.00002	1.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A147) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 464/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.075	15.55900	1.98670	-7.46040	7.61420	.07027	55.00000	.00000	.15380	-4.84620	-10.07500
2.500	-9.929	15.56100	1.98670	-4.88970	5.03950	.06624	55.00000	.00000	.14975	-4.85020	-4.92920
2.500	-4.814	15.55900	1.98670	-2.33200	2.48170	.07027	55.00000	.00000	.14975	-4.85020	.18633
2.500	.030	15.55800	1.98670	.09011	.05964	.07430	55.00000	.00000	.14975	-4.85020	5.03050
2.500	4.704	15.56100	1.98670	2.42710	-2.27730	.06624	55.00000	.00000	.14975	-4.85020	9.70440
2.500	9.154	15.56400	1.98670	4.65380	-4.50000	.05416	55.00000	.00000	.15380	-4.84620	14.15400
2.500	14.835	15.55800	1.98670	7.49060	-7.34490	.05014	55.00000	.00000	.14570	-4.85430	19.83500
	GRADIENT	.00021	.00000	.50001	-.49999	-.00042	-.00000	.00000	.00000	-.00000	1.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN (27A148) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 495/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.063	14.66000	.00000	-7.44670	7.61670	.07832	55.00000	.00000	.17000	-4.83000	-10.06300
3.500	-9.975	14.66200	.00000	-4.85840	5.01620	.05416	55.00000	.00000	.15785	-4.84210	-4.87460
3.500	-4.787	14.66300	.00000	-2.31030	2.47630	.06624	55.00000	.00000	.16595	-4.83400	.21344
3.500	.046	14.66300	.00000	1.1016	.06411	.07832	55.00000	.00000	.17427	-4.82570	5.04600
3.500	4.926	14.66300	.00000	2.53600	-2.39030	.03403	55.00000	.00000	.14570	-4.85430	9.92620
3.500	9.291	14.66100	.00000	4.71440	-4.57680	.03000	55.00000	.00000	.13760	-4.86240	14.29100
3.500	14.857	14.65800	.00000	7.51840	-7.34840	.07832	55.00000	.00000	.17000	-4.83000	19.86700
	GRADIENT	.00000	.00000	.49896	-.50105	-.00333	.00000	.00000	-.00209	-.00210	1.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN (27A149) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 494/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.078	16.66700	.00000	-7.44570	7.62420	.10651	55.00000	.00000	.17000	-4.83000	-10.07800
3.500	-9.919	16.66700	.00000	-4.87870	5.04060	.09846	55.00000	.00000	.16190	-4.83810	-4.91920
3.500	-4.690	16.65700	.00000	-2.26390	2.42580	.10249	55.00000	.00000	.16190	-4.83810	.31027
3.500	.211	16.66500	.00000	1.18850	-.02255	.10249	55.00000	.00000	.16595	-4.83400	5.21110
3.500	4.873	16.66400	.00000	2.51740	-2.35550	.09846	55.00000	.00000	.16190	-4.83810	9.87300
3.500	9.199	16.66300	.00000	4.67460	-4.52490	.04208	55.00000	.00000	.14975	-4.85020	14.20000
3.500	14.876	16.66000	.00000	7.52500	-7.35080	.07027	55.00000	.00000	.17427	-4.82570	19.87600
	GRADIENT	-.00031	-.00000	.50000	-.49999	-.00042	.00000	.00000	.00001	.00001	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 493/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.075	18.64400	.00000	-7.45230	7.62230	.10249	55.00000	.00000	.17000	-4.83000	-10.07500
3.500	-9.794	18.64300	.00000	-4.81620	4.97810	.09041	55.00000	.00000	.16190	-4.83810	-4.79420
3.500	-4.794	18.64200	.00000	-2.31620	2.47810	.09443	55.00000	.00000	.16190	-4.83810	.20570
3.500	.167	18.64200	.00000	.16671	-.00076	.09846	55.00000	.00000	.16595	-4.83400	5.16750
3.500	4.974	18.63900	.00000	2.56370	-2.40990	.09041	55.00000	.00000	.15380	-4.84620	9.97350
3.500	9.241	18.63800	.00000	4.70330	-4.53740	.09846	55.00000	.00000	.16595	-4.83400	14.24100
3.500	14.871	18.63500	.00000	7.52490	-7.34640	.11054	55.00000	.00000	.17854	-4.82150	19.87100
	GRADIENT	-.00031	.00000	.49959	-.50042	-.00041	-.00000	.00000	-.00082	-.00082	1.00000

LA131.MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 492/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.090	20.64000	.00000	-7.45980	7.62990	.09443	55.00000	.00000	.17000	-4.83000	-10.09000
3.500	-9.944	20.64000	.00000	-4.88700	5.05700	.09846	55.00000	.00000	.16190	-4.83810	-4.94400
3.500	.087	20.63700	.00000	.12421	.03769	.09041	55.00000	.00000	.16190	-4.83810	5.08650
3.500	4.781	20.63700	.00000	2.47160	-2.30970	.09041	55.00000	.00000	.16190	-4.83810	9.78130
3.500	9.181	20.63600	.00000	4.57770	-4.50350	.10249	55.00000	.00000	.17427	-4.82570	14.18100
3.500	14.755	20.63400	.00000	7.46450	-7.29020	.10249	55.00000	.00000	.17427	-4.82570	19.75500
	GRADIENT	.00000	.00000	.50000	-.50000	.00000	.00000	.00000	.00000	.00000	1.00000

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

PARAMETRIC DATA

ALPHA = 21.000 BETA = .000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 17.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 5.000 E-LIRO = .000
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 2.500 AILRON = .000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

PARAMETRIC DATA

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.083	16.64400	.00000	-9.54650	-9.53650	.09041	55.00000	.00000	-.01000	-24.08300	4.99000
3.500	-14.944	16.64300	.00000	-7.47720	-7.46720	.07832	55.00000	.00000	-.01000	-19.94400	4.99000
3.500	-9.939	16.64500	.00000	-4.97430	-4.96430	.08638	55.00000	.00000	-.01000	-14.93900	4.99000
3.500	-4.941	16.64700	.00000	-2.47530	-2.46530	.07832	55.00000	.00000	-.01000	-9.94060	4.99000
3.500	.208	16.64600	.00000	.09663	.11180	.07027	55.00000	.00000	-.00689	-4.79160	4.98480
3.500	5.454	16.64800	.00000	2.72360	2.73050	.06624	55.00000	.00000	-.01000	4.54111	4.99310
3.500	10.850	16.64800	.00000	5.42010	5.43010	.07027	55.00000	.00000	-.01000	5.85010	4.99000
3.500	15.790	16.64800	.00000	7.88980	7.89980	.08235	55.00000	.00000	-.01000	10.79000	4.99000
	GRADIENT	-.00019	.00000	.49950	.50050	-.00156	.00000	.00000	-.00100	.99999	-.00101

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 19.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 5.000 E-LIRO = .000
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 2.500 AILRON = .000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

PARAMETRIC DATA

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.105	18.67600	.00000	-9.54920	-9.54920	.08633	55.00000	.00000	-.00689	-24.10500	4.99310
3.500	-14.941	18.67600	.00000	-7.47790	-7.46270	.06222	55.00000	.00000	-.01517	-19.94100	4.98480
3.500	-9.891	18.67800	.00000	-4.94740	-4.94370	.05416	55.00000	.00000	-.00377	-14.69100	4.99620
3.500	-4.943	18.67700	.00000	-2.47370	-2.46970	.05819	55.00000	.00000	-.01000	-9.94940	4.99000
3.500	.221	18.67300	.00000	.10717	.11406	.06624	55.00000	.00000	-.00689	-4.77880	4.99310
3.500	5.422	18.67900	.00000	2.70330	2.71850	.05819	55.00000	.00000	-.01517	4.2186	4.98480
3.500	10.827	18.68000	.00000	5.40600	5.42120	.06624	55.00000	.00000	-.01517	5.82720	4.98480
3.500	15.781	18.67900	.00000	7.89570	7.89570	.06624	55.00000	.00000	-.01000	10.78100	4.99000
	GRADIENT	.00033	.00000	.50030	.49970	.00156	.00000	.00000	-.00060	.99999	.00060

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 493/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.076	20.67000	.00000	-9.54120	-9.53430	.06222	55.00000	.00000	-.00689	-24.07600	4.99310
3.500	-14.907	20.67000	.00000	-7.45700	-7.45010	.05819	55.00000	.00000	-.00689	-19.90700	4.99310
3.500	-9.947	20.67200	.00000	-4.98030	-4.96570	.05819	55.00000	.00000	-.01517	-14.94700	4.98480
3.500	-4.932	20.67500	.00000	-2.46940	-2.46250	.06222	55.00000	.00000	-.00689	-9.93150	4.99310
3.500	.238	20.67500	.00000	.11727	.12104	.06222	55.00000	.00000	-.00377	-4.76170	4.99620
3.500	5.442	20.67800	.00000	2.71080	2.73120	.05416	55.00000	.00000	-.02035	.44202	4.97970
3.500	10.934	20.67700	.00000	5.45690	5.47720	.05416	55.00000	.00000	-.02035	5.93400	4.97970
3.500	15.786	20.67800	.00000	7.88780	7.89780	.07027	55.00000	.00000	-.01000	10.78600	4.99000
	GRADIENT	.00000	.00000	.50030	.49970	.00000	-.00000	.00000	.00060	1.00000	.00060

ALPHA = 21.000 BETA = .000
E-LORI = 5.000 E-LTRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPOBRK = 55.000
RUDDER = .000

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A156) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 496/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.056	14.67000	.00000	.06026	.08139	55.00000	.00000	.14165	.02113	-4.85830	5.02110
3.500	-5.044	14.66800	.00000	.05527	.07018	55.00000	.00000	.12545	.01491	-4.87450	5.01490
3.500	.018	14.66700	.00000	.06431	.08544	55.00000	.00000	.14975	.02113	-4.85020	5.02110
3.500	5.069	14.66400	.00000	.05527	.07018	55.00000	.00000	.12545	.01491	-4.87450	5.01490
3.500	10.136	14.66200	.00000	.05216	.07329	55.00000	.00000	.12545	.02113	-4.87450	5.02110
3.500	15.206	14.65600	.00000	.07812	.09615	55.00000	.00000	.17427	.01802	-4.82570	5.01800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ALPHA = 15.000 BETA = .000
E-LORI = 5.000 E-LTRO = .000
ELEVON = 2.500 AILRON = .000
SPOBRK = 55.000 RUDDER = .000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A157) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 497/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.112	16.69100	.00000	.06478	.08902	55.00000	.00000	.15380	.02425	-4.84620	5.02420
3.500	-5.193	16.69000	.00000	.04453	.06877	55.00000	.00000	.11330	.02425	-4.88670	5.02420
3.500	-.044	16.68800	.00000	.06384	.08186	55.00000	.00000	.14570	.01802	-4.85430	5.01800
3.500	4.981	16.69600	.00000	.05060	.07485	55.00000	.00000	.12545	.02425	-4.87450	5.02420
3.500	10.313	16.68300	.00000	.07303	.08482	55.00000	.00000	.15785	.01179	-4.84210	5.01180
3.500	15.243	16.67900	.00000	.07708	.08887	55.00000	.00000	.16595	.01179	-4.83400	5.01180
	GRADIENT	-.00040	.00000	-.00263	-.00140	.00000	.00000	-.00403	.00124	-.00402	.00123

PARAMETRIC DATA

ALPHA = 17.000 BETA = .000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
SPDBRK = 55.000 RUDDER = .000

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A158) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 498/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.096	18.67000	.00000	.08124	.09303	55.00000	.00000	.17427	.01179	-4.82570	5.01180
3.500	-4.895	18.66800	.00000	.07910	.09090	55.00000	.00000	.17000	.01179	-4.83000	5.01180
3.500	.058	18.66600	.00000	.08435	.08992	55.00000	.00000	.17427	.00557	-4.82570	5.00560
3.500	4.888	18.66500	.00000	.05827	.07018	55.00000	.00000	.12545	.01491	-4.87450	5.01490
3.500	10.192	18.66000	.00000	.06648	.07517	55.00000	.00000	.14165	.00868	-4.85030	5.00870
3.500	15.266	18.65500	.00000	.08066	.08934	55.00000	.00000	.17000	.00868	-4.83000	5.00870
	GRADIENT	-.00031	.00000	-.00242	-.00211	.00000	.00000	-.00453	.00031	-.00453	.00031

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A159) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 21.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 459/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.137	20.66500	.00000	.06789	.08591	55.00000	.00000	.15369	.01802	-4.84620	5.01800
3.500	-4.905	20.66400	.00000	.07968	.09459	55.00000	.00000	.17427	.01491	-4.82570	5.01490
3.500	.970	20.66100	.00000	.07870	.09984	55.00000	.00000	.17854	.0213	-4.82150	5.02110
3.500	5.268	20.65800	.00000	.07910	.09090	55.00000	.00000	.17000	.01779	-4.83000	5.01180
3.500	10.330	20.65300	.00000	.07910	.09090	55.00000	.00000	.17000	.01779	-4.83000	5.01180
3.500	15.248	20.54800	.00000	.08124	.09303	55.00000	.00000	.17427	.01779	-4.82570	5.01180
	GRADIENT	-.00060	.00000	-.00020	.00105	.00000	.00000	.00086	.00125	.00084	.00125

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A160) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 503/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.068	14.65700	1.98670	.08199	.10935	55.00000	.00000	.19135	.02736	-4.80870	5.02740
3.500	-4.873	14.65500	1.98670	.08084	.10197	55.00000	.00000	.18281	.02113	-4.81720	5.02110
3.500	.062	14.65400	1.98670	.07812	.09615	55.00000	.00000	.17427	.01302	-4.82570	5.01800
3.500	5.280	14.65100	1.98670	.07928	.10353	55.00000	.00000	.18281	.02425	-4.81720	5.02420
3.500	10.330	14.64800	1.98670	.08182	.09672	55.00000	.00000	.17854	.01491	-4.82150	5.01490
3.500	15.252	14.64500	1.98670	.08182	.09672	55.00000	.00000	.17854	.01491	-4.82150	5.01490
	GRADIENT	-.00020	-.00000	-.00055	-.00118	.00000	.00000	-.00173	-.00063	-.00172	-.00063

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A161) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

MACH 3.500 BDFLAP -10.072 ALPHA 16.66300 BETA 1.98670 AILRON .08084 ELEVON .10197 SPOBRK 55.00000 RUDDER .00000 ELV-LO .18281 ELV-RO .02113 ELV-LI -4.81720 ELV-RI 5.02110
 3.500 3.500 -4.898 16.66300 1.98670 1.98670 .07715 .10139 55.00000 .00000 .00000 .02425 -4.82150 5.02420
 3.500 3.500 .058 16.65800 1.98670 1.98670 .07968 .09459 55.00000 .00000 .00000 .01491 -4.82570 5.01490
 3.500 3.500 4.943 16.65700 1.98670 1.98670 .05777 .07579 55.00000 .00000 .00000 .01802 -4.86640 5.01800
 3.500 3.500 10.284 16.65200 1.98670 1.98670 .06998 .08077 55.00000 .00000 .00000 .01179 -4.85020 5.01180
 3.500 3.500 15.225 16.64800 1.98670 1.98670 .07910 .09090 55.00000 .00000 .00000 .01179 -4.83000 5.01180
 GRADIENT - .00061 .00000 - .00196 - .00260 - .00000 .00000 - .00456 - .00064 - .00455

RUN NO. 502/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 17.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

MACH 3.500 BDFLAP -10.096 ALPHA 18.67900 BETA 1.98670 AILRON .08142 ELEVON .10566 SPOBRK 55.00000 RUDDER .00000 ELV-LO .18708 ELV-RO .02425 ELV-LI -4.81290 ELV-RI 5.02420
 3.500 3.500 -4.873 18.67700 1.98670 1.98670 .07870 .09984 .09984 .00000 .00000 .02113 -4.82150 5.02110
 3.500 3.500 .062 18.67600 1.98670 1.98670 .07599 .09401 55.00000 .00000 .00000 .01802 -4.83000 5.01800
 3.500 3.500 5.272 18.67400 1.98670 1.98670 .07812 .09615 55.00000 .00000 .00000 .01802 -4.82570 5.01800
 3.500 3.500 10.326 18.66800 1.98670 1.98670 .07755 .09245 55.00000 .00000 .00000 .01491 -4.83000 5.01490
 3.500 3.500 15.229 18.66600 1.98670 1.98670 .07968 .09459 55.00000 .00000 .00000 .01491 -4.82570 5.01490
 GRADIENT - .00062 .00000 - .00055 - .00118 - .00000 .00000 - .00173 - .00063 - .00172

RUN NO. 501/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A162) (24 JUN 80)

LA131.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(27A163) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 500/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 MACH BDFLAP ALPHA ELEVON AILRON BETA SPDBRK RUDDER ELV-LO ELV-LI ELV-RI
 3.500 -10.086 20.67400 0.9984 .07870 1.98670 55.00000 .00000 .17854 .02113 -4.82150 5.02110
 3.500 -4.891 20.67400 1.0508 .07772 1.98670 55.00000 .00000 .18281 .02736 -4.81720 5.02740
 3.500 .066 20.67000 1.0139 .07715 1.98670 55.00000 .00000 .17854 .02425 -4.82150 5.02420
 3.500 5.175 20.66600 1.06431 .06431 1.99670 55.00000 .00000 .14975 .02113 -4.85020 5.02110
 3.500 10.255 20.66200 1.98670 .06742 1.98670 55.00000 .00000 .14975 -4.85020 5.01490
 3.500 15.248 20.65600 1.98670 .07708 1.98670 55.00000 .00000 .16595 -4.83400 5.01180
 GRADIENT -.00081 .00000 -.00012 -.00074 -.00000 .00000 .00000 -.00085 -.00087 -.00065

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(27A164) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 487/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 MACH ELV-LO ALPHA ELEVON AILRON BETA SPDBRK RUDDER ELV-RO ELV-LI ELV-RI
 3.500 -19.098 15.64700 0.98670 -9.54400 1.98670 55.00000 .00000 .06222 .00000 -24.09800 4.99000
 3.500 -14.926 15.64800 1.98670 -7.46470 1.98670 55.00000 .00000 .06624 .00000 -19.92600 4.99620
 3.500 -9.947 15.64800 1.98670 -4.97520 1.98670 55.00000 .00000 .07027 .00000 -14.94700 4.99620
 3.500 -4.949 15.64700 1.98670 -2.46710 1.98670 55.00000 .00000 .06222 .00000 -9.94940 4.98480
 3.500 .213 15.64900 1.0290 .10979 1.98670 55.00000 .00000 .07027 .00000 -4.78730 4.99310
 3.500 5.390 15.64800 2.69140 2.69140 1.98670 55.00000 .00000 .06624 .00000 38962 4.99310
 3.500 10.827 15.64900 5.40600 5.40600 1.98670 55.00000 .00000 .06222 .00000 5.82720 4.98480
 3.500 15.781 15.64900 7.88310 7.88310 1.98670 55.00000 .00000 .06624 .00000 10.78100 4.98480
 GRADIENT .00039 .00000 .00000 .49920 .00156 .00000 .00000 .00061 .00000 .00161

18

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 486/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.090	16.66200	1.98670	-9.54710	-9.54330	.06624	55.00000	.00000	-.00377	-24.09000	4.99620
3.500	-14.918	16.66300	1.98670	-7.46260	-7.45570	.06624	55.00000	.00000	-.00689	-19.91800	4.99310
3.500	-9.951	16.66400	1.98670	-4.97870	-4.97180	.06272	55.00000	.00000	-.00689	-14.95100	4.99310
3.500	-4.954	16.66400	1.98670	-2.48030	-2.47340	.06222	55.00000	.00000	-.00689	-9.95380	4.99310
3.500	.204	16.66400	1.99670	.09863	.10552	.06222	55.00000	.00000	-.00689	-4.79580	4.99310
3.500	5.390	16.66400	1.98670	2.69140	2.69830	.07027	55.00000	.00000	-.00689	.38952	4.99310
3.500	10.827	16.66400	1.98670	5.41170	5.41550	.06624	55.00000	.00000	-.00377	5.82720	4.99620
3.500	15.786	16.66300	1.98670	7.88780	7.89780	.06624	55.00000	.00000	-.01000	10.78600	4.99000
	GRADIENT	.00000	.00000	.49999	.49999	.00000	.00000	.00000	.00000	1.00001	.00000

PARAMETRIC DATA

ALPHA = 17.000 BETA = 2.000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

RUN NO. 485/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.087	18.65100	1.98670	-9.54530	-9.54150	.07027	55.00000	.00000	-.00377	-24.08700	4.99620
3.500	-14.937	18.65400	1.98670	-7.47190	-7.46500	.07430	55.00000	.00000	-.00689	-19.93700	4.99310
3.500	-9.947	18.65400	1.98670	-4.97520	-4.97140	.07430	55.00000	.00000	-.00377	-14.94700	4.99620
3.500	-4.862	18.65500	1.98670	-2.43440	-2.42750	.05819	55.00000	.00000	-.00689	-9.86190	4.99310
3.500	.170	18.65800	1.98570	.08467	.08533	.06624	55.00000	.00000	-.00666	-4.83000	4.99930
3.500	.383	18.65500	1.98670	.18674	.19674	.05014	55.00000	.00000	-.01000	-4.61650	4.99000
3.500	5.454	18.65500	1.98670	2.72520	2.72890	.05014	55.00000	.00000	-.00377	.45411	4.99620
3.500	10.384	18.65500	1.98670	5.49300	5.49060	.05819	55.00000	.00000	-.00245	5.98360	5.00250
3.500	15.777	18.65400	1.98670	7.88360	7.89360	.05819	55.00000	.00000	-.01000	10.77700	4.99000
	GRADIENT	.00027	.00000	.50012	.49988	-.00010	.00000	.00000	.00025	1.00000	.00024

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 21.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 484/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.098	20.68000	1.98670	-9.55400	-9.54400	.06624	55.03000	.00000	-0.1000	-24.09800	4.99000
3.500	-14.937	20.68200	1.98670	-7.47340	-7.46340	.06624	55.00000	.00000	-0.1000	-19.93700	4.99000
3.500	-9.832	20.68300	1.98670	-4.91930	-4.91240	.04611	55.00000	.00000	-0.0689	-14.83200	4.99310
3.500	-4.941	20.68400	1.98670	-2.47060	-2.47000	.07430	55.00000	.00000	-0.0066	-9.94060	4.99300
3.500	.255	20.68500	1.98670	.12425	.13114	.05819	55.00000	.00000	-0.0689	-4.74460	4.99310
3.500	5.442	20.68600	1.98670	2.71600	2.72600	.06222	55.00000	.00000	-0.1000	.44202	4.99000
3.500	11.087	20.68700	1.98670	5.53830	5.54830	.05416	55.00000	.00000	-0.1000	6.08660	4.99000
3.500	15.533	20.68800	1.98670	7.76300	7.76990	.06222	55.00000	.00000	-0.0689	10.53300	4.99310
	GRADIENT	.00019	.00000	.49939	.50061	-.00310	-.00000	.00000	-.00120	1.00000	-.00119

LAI131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A168) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 488/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.071	14.68800	1.98670	-7.44620	7.62470	.07027	55.00000	.00000	.17854	-4.82150	-10.07100
3.500	-9.934	14.68800	1.98670	-4.88410	5.05000	.06222	55.00000	.00000	.16595	-4.83400	-4.93410
3.500	-4.794	14.68800	1.98670	-2.31620	2.47810	.06222	55.00000	.00000	.16190	-4.83810	.20570
3.500	.055	14.68900	1.98670	.11067	.05528	.07027	55.00000	.00000	.16595	-4.83400	5.05540
3.500	4.701	14.68900	1.98670	2.43170	-2.26980	.06222	55.00000	.00000	.16190	-4.83810	9.70150
3.500	9.163	14.69100	1.98670	4.66240	-4.50050	.06222	55.00000	.00000	.16190	-4.83810	14.16300
3.500	14.867	14.69300	1.98670	7.51440	-7.35250	.06624	55.00000	.00000	.16190	-4.83810	19.86700
	GRADIENT	.00011	.00000	.50000	-.50000	.00001	-.00000	.00000	-.00001	.00001	-.00001

DATE 25 JUN 80 LA131 (LARC UPWT 1299) LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A169) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

ALPHA = 17.000 BETA = 2.000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

RUN NO. 489/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

Table with columns: MACH, ELV-RO, ALPHA, BETA, ELEVON, AILRON, BDFLAP, SPDBRK, RUDDER, ELV-LO, ELV-LI, ELV-RI, GRADIENT. Values range from -15.067 to 19.85300.

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A170) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
E-LORI = 5.000 E-LIRO = .000
ELEVON = 2.500 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

RUN NO. 490/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

Table with columns: MACH, ELV-RO, ALPHA, BETA, ELEVON, AILRON, BDFLAP, SPDBRK, RUDDER, ELV-LO, ELV-LI, ELV-RI, GRADIENT. Values range from -15.082 to 19.85300.

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A171) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 491/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.078	20.63800	1.98670	-7.46630	7.61200	.05416	55.00000	.00000	.14570	-4.85430	-10.07800
3.500	-9.939	20.63900	1.98670	-4.89060	5.04850	.06624	55.00000	.00000	.15785	-4.84210	-4.93910
3.500	-4.814	20.63900	1.98670	-2.32790	2.48580	.06624	55.00000	.00000	.15785	-4.84210	.18633
3.500	.040	20.64000	1.98670	.10086	.06104	.07430	55.00000	.00000	.16150	-4.83810	5.03980
3.500	4.713	20.64300	1.98670	2.44590	-2.26740	.10249	55.00000	.00000	.17854	-4.82150	9.71330
3.500	9.172	20.63900	1.98670	4.67100	-4.50100	.10651	55.00000	.00000	.17000	-4.83000	14.17200
3.500	14.867	20.63700	1.98670	7.51840	-7.34840	.11054	55.00000	.00000	.17000	-4.83000	19.86700
	GRADIENT	.00052	.00000	.50108	-4.98992	.00379	.00000	.00000	.00216	.00215	1.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A172) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 519/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.056	15.65100	.00000	-7.44500	7.61100	.07832	55.00000	.00000	.16595	-4.83400	-10.05600
4.500	-9.929	15.65100	.00000	-4.88160	5.04760	.08235	55.00000	.00000	.16595	-4.83400	-4.92920
4.500	-4.798	15.65100	.00000	-2.31410	2.48410	.08235	55.00000	.00000	.17000	-4.83000	.20182
4.500	.045	15.65100	.00000	.10802	.06198	.07832	55.00000	.00000	.17000	-4.83000	5.04600
4.500	4.707	15.65000	.00000	2.43460	-2.27270	.07430	55.00000	.00000	.16190	-4.83810	9.70740
4.500	9.181	15.64900	.00000	4.67160	-4.50970	.07027	55.00000	.00000	.16190	-4.83810	14.18100
4.500	14.880	15.64900	.00000	7.52510	-7.35510	.07832	55.00000	.00000	.17000	-4.83000	19.86000
	GRADIENT	-.00010	-.00000	.49957	-5.00042	-.00085	.00000	.00000	-.00035	-.00085	1.00000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A173) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 518/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.067	17.66100	.00000	-7.44690	7.61290	.08235	55.00000	.00000	.16595	-4.83400	-10.06000
4.500	-9.934	17.66000	.00000	-4.87710	5.04710	.08235	55.00000	.00000	.17000	-4.83000	-4.92420
4.500	-4.810	17.65800	.00000	-2.32390	2.48580	.07430	55.00000	.00000	.16190	-4.83810	.19020
4.500	.055	17.65900	.00000	.11269	.05731	.08235	55.00000	.00000	.17000	-4.83000	5.05540
4.500	4.707	17.65800	.00000	2.43670	-2.27070	.08235	55.00000	.00000	.16595	-4.83400	9.70740
4.500	9.177	17.65700	.00000	4.66930	-4.50740	.07430	55.00000	.00000	.16190	-4.83810	14.17700
4.500	14.871	17.65600	.00000	7.51860	-7.35270	.07832	55.00000	.00000	.16595	-4.83400	19.87100
	GRADIENT	.00000	-.00000	.50021	-.49977	.00085	-.00000	.00000	.00044	.00044	1.00000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A174) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 517/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.067	19.66600	.00000	-7.45270	7.61460	.07027	55.00000	.00000	.16190	-4.83810	-10.06700
4.500	-9.934	19.66500	.00000	-4.88610	5.04800	.07027	55.00000	.00000	.16190	-4.83810	-4.93410
4.500	-4.806	19.66500	.00000	-2.32400	2.48190	.07430	55.00000	.00000	.15785	-4.84210	.19408
4.500	.046	19.66400	.00000	.10195	.05590	.07027	55.00000	.00000	.15785	-4.84210	5.04600
4.500	4.707	19.66400	.00000	2.43670	-2.27070	.07430	55.00000	.00000	.16595	-4.83400	9.70740
4.500	9.181	19.66200	.00000	4.67160	-4.50970	.07027	55.00000	.00000	.16190	-4.83810	14.18100
4.500	12.089	19.66100	.00000	6.11120	-5.97770	.03403	55.00000	.00000	.13355	-4.86640	17.08900
4.500	14.862	19.66100	.00000	7.51210	-7.35020	.07027	55.00000	.00000	.16190	-4.83810	19.86200
	GRADIENT	-.00011	-.00000	.50042	-.49958	-.00001	-.00000	.00000	.00085	.00085	1.00000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A175) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 516/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.060	21.64700	.00000	-7.44690	7.61290	.07430	55.00000	.00000	.16595	-4.83400	-10.06000
4.500	-9.934	21.64500	.00000	-4.88410	5.05000	.07027	55.00000	.00000	.16595	-4.83400	-4.93410
4.500	-4.802	21.64500	.00000	-2.32010	2.48200	.07027	55.00000	.00000	.16190	-4.83810	.19795
4.500	.055	21.64200	.00000	.10864	.05326	.07027	55.00000	.00000	.16190	-4.83810	5.05540
4.500	4.704	21.64100	.00000	2.42910	-2.27530	.05416	55.00000	.00000	.15380	-4.84620	9.70440
4.500	9.177	21.64100	.00000	4.66520	-4.51140	.05416	55.00000	.00000	.15380	-4.84620	14.17700
4.500	14.876	21.63800	.00000	7.52090	-7.35490	.07027	55.00000	.00000	.16595	-4.83400	19.87600
	GRADIENT	-.00042	-.00000	.49958	-.50043	-.00168	-.00000	.00000	-.00085	-.00085	1.00001

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A176) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 504/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.098	15.65300	.00000	-9.53840	-9.55950	.09443	55.00000	.00000	.02113	-24.09800	5.02110
4.500	-14.933	15.65500	.00000	-7.48220	-7.47090	.09041	55.00000	.00000	.00868	-19.93300	5.00870
4.500	-9.939	15.65500	.00000	-4.96970	-4.96900	.08235	55.00000	.00000	-.00066	-14.93900	4.99930
4.500	-4.945	15.65500	.00000	-2.46970	-2.47530	.08235	55.00000	.00000	.00557	-9.94500	5.00560
4.500	.221	15.65700	.00000	.11340	.10783	.08235	55.00000	.00000	.00557	-4.77880	5.00560
4.500	5.402	15.65700	.00000	2.69740	2.70430	.08235	55.00000	.00000	-.00689	.40171	4.99310
4.500	10.835	15.65800	.00000	5.41550	5.41930	.08235	55.00000	.00000	-.00377	5.83490	4.99620
4.500	15.790	15.65700	.00000	7.89300	7.89670	.08235	55.00000	.00000	-.00377	10.79000	4.99620
	GRADIENT	.00039	.00000	.50000	.50000	.00000	.00000	.00000	.00000	.99999	.00000

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

(27A177) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A178) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 505/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.102	17.64600	.00000	-9.55270	-9.54890	.09041	55.00000	.00000	-.00377	-24.10200	4.99620
4.500	-14.922	17.64600	.00000	-7.45290	-7.45910	.08638	55.00000	.00000	-.00377	-19.92200	4.99620
4.500	-9.943	17.64800	.00000	-4.97320	-4.96940	.08638	55.00000	.00000	-.00377	-14.94300	4.99620
4.500	-4.936	17.64800	.00000	-2.46780	-2.46780	.09041	55.00000	.00000	-.00066	-9.93630	4.99930
4.500	.217	17.64700	.00000	1.0504	1.1193	.08235	55.00000	.00000	-.00689	-4.78300	4.99310
4.500	5.398	17.64900	.00000	2.69540	2.70230	.08638	55.00000	.00000	-.00689	.39768	4.99310
4.500	10.831	17.64900	.00000	5.41210	5.41900	.08235	55.00000	.00000	-.00689	5.83100	4.99310
4.500	15.786	17.64900	.00000	7.88260	7.90290	.07832	55.00000	.00000	-.02035	10.78600	4.97970
	GRADIENT	-.00019	.00000	.49940	.50060	-.00156	-.00000	.00000	-.00121	1.00001	-.00120

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 506/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.098	19.64200	.00000	-9.55240	-9.54550	.08638	55.00000	.00000	-.00689	-24.09800	4.99310
4.500	-14.933	19.64400	.00000	-7.47000	-7.46310	.08638	55.00000	.00000	-.00689	-19.93300	4.99310
4.500	-9.943	19.64400	.00000	-4.97480	-4.96790	.08235	55.00000	.00000	-.00689	-14.94300	4.99310
4.500	-4.945	19.64500	.00000	-2.47440	-2.47060	.08235	55.00000	.00000	-.00377	-9.94500	4.99620
4.500	.213	19.64500	.00000	1.0290	1.0979	.07832	55.00000	.00000	-.00689	-4.78730	4.99310
4.500	5.398	19.64600	.00000	2.69130	2.70640	.07832	55.00000	.00000	-.01517	.39768	4.98480
4.500	10.827	19.64700	.00000	5.40600	5.42120	.07832	55.00000	.00000	-.01517	5.82720	4.98480
4.500	15.790	19.64700	.00000	7.88470	7.90500	.07430	55.00000	.00000	-.02035	10.79000	4.97970
	GRADIENT	-.00000	.00000	.49970	.50030	-.00078	-.00000	.00000	-.00060	1.00000	-.00060

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

(27A179) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 507/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.102	21.64300	.00000	-9.55580	-9.54580	.07430	55.00000	.00000	-.01000	-24.10200	4.99000
4.500	-14.929	21.64400	.00000	-7.46810	-7.46130	.08235	55.00000	.00000	-.00689	-19.92900	4.99310
4.500	-9.947	21.64400	.00000	-4.98090	-4.96570	.07430	55.00000	.00000	-.01517	-14.94700	4.98480
4.500	-4.941	21.64600	.00000	-2.47530	-2.46530	.07832	55.00000	.00000	-.01000	-9.94060	4.99000
4.500	.217	21.64600	.00000	.10504	.11193	.07832	55.00000	.00000	-.00689	-4.78300	4.99310
4.500	5.394	21.64600	.00000	2.69490	2.69870	.08235	55.00000	.00000	-.00377	.39365	4.99620
4.500	10.827	21.64600	.00000	5.41020	5.41710	.07832	55.00000	.00000	-.00683	5.82720	4.99310
4.500	15.790	21.64500	.00000	7.86980	7.89980	.07832	55.00000	.00000	-.01000	10.79000	4.99000
	GRADIENT	.00000	.00000	.50030	.49970	.00000	-.00000	.00000	.00060	1.00001	.00060

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 520/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.108	15.65400	.00000	.07505	.08685	55.00000	.00000	.16190	-.01179	-4.83810	5.01180
4.500	-4.898	15.65300	.00000	.08764	.09944	55.00000	.00000	.18708	.01179	-4.81290	5.01180
4.500	.062	15.65100	.00000	.08920	.09788	55.00000	.00000	.18708	.00868	-4.81290	5.00870
4.500	5.289	15.65100	.00000	.08395	.09886	55.00000	.00000	.18281	.01491	-4.81720	5.01490
4.500	10.293	15.64800	.00000	.07303	.08482	55.00000	.00000	.15785	.01179	-4.84210	5.01180
4.500	15.248	15.64500	.00000	.07505	.08685	55.00000	.00000	.16190	-.01179	-4.83810	5.01180
	GRADIENT	-.00040	.00000	.00031	-.00031	.00000	.00000	.00000	-.00063	.00000	-.00062

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REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 521/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.076	17.63600	.00000	.08649	.09205	55.00000	.00000	.17854	.00557	-4.82150	5.00560
4.500	-4.895	17.63400	.00000	.08788	.10157	55.00000	.00000	.19135	.01179	-4.80870	5.01180
4.500	-.701	17.63400	.00000	.07863	.08731	55.00000	.00000	.16595	.00868	-4.83400	5.00870
4.500	5.276	17.63300	.00000	.08764	.09944	55.00000	.00000	.18708	.01179	-4.81290	5.01180
4.500	10.318	17.62900	.00000	.08019	.08576	55.00000	.00000	.16595	.00557	-4.83400	5.00560
4.500	15.248	17.62500	.00000	.07661	.08529	55.00000	.00000	.16190	.00868	-4.83810	5.00870
	GRADIENT	.00000	.00000	-.00228	-.00291	.00000	.00000	-.00519	-.00064	-.00517	-.00063

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 522/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.076	19.64600	.00000	.07870	.09984	55.00000	.00000	.17854	.02113	-4.82150	5.02110
4.500	-4.902	19.64600	.00000	.08609	.10099	55.00000	.00000	.18708	.01491	-4.81290	5.01490
4.500	.062	19.64200	.00000	.08551	.09730	55.00000	.00000	.18281	.01179	-4.81720	5.01180
4.500	5.289	19.64000	.00000	.08551	.09730	55.00000	.00000	.18281	.01179	-4.81720	5.01180
4.500	10.313	19.63700	.00000	.07661	.08529	55.00000	.00000	.16190	.00868	-4.83810	5.00870
4.500	15.243	19.63400	.00000	.07505	.08685	55.00000	.00000	.16190	.01179	-4.83810	5.01180
	GRADIENT	-.00091	.00000	-.00012	-.00074	.00000	.00000	-.00066	-.00063	-.00087	-.00062

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131, MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A183) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 523/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.096	21.63400	.00000	.08142	.10566	55.00000	.00000	.18708	.02425	-4.81290	5.02420
4.500	-4.887	21.63100	.00000	.08922	.10313	55.00000	.00000	.19135	.01491	-4.80870	5.01490
4.500	.970	21.63000	.00000	.08980	.10582	55.00000	.00000	.19562	.01802	-4.80440	5.01800
4.500	5.285	21.62700	.00000	.08706	.09574	55.00000	.00000	.18281	.00868	-4.81720	5.00870
4.500	10.318	21.62400	.00000	.08493	.09361	55.00000	.00000	.17854	.00868	-4.82150	5.00870
4.500	15.257	21.61900	.00000	.07661	.08529	55.00000	.00000	.16190	.00868	-4.83810	5.00870
	GRADIENT	-.00020	.00000	.00012	.00074	.00000	.00000	.00086	.00063	.00087	.00063

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 527/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.100	15.65300	1.96780	.08453	.10255	55.00000	.00000	.18708	.01802	-4.81290	5.01800
4.500	-4.982	15.65200	1.96780	.07599	.09401	55.00000	.00000	.17000	.01802	-4.83000	5.01800
4.500	.066	15.65100	1.96780	.08551	.09730	55.00000	.00000	.18281	.01179	-4.81720	5.01180
4.500	5.280	15.64800	1.96780	.08222	.08778	55.00000	.00000	.17000	.00557	-4.83000	5.00560
4.500	10.334	15.64500	1.96780	.08279	.09147	55.00000	.00000	.17427	.00668	-4.82570	5.00670
4.500	15.257	15.64400	1.96780	.07817	.08373	55.00000	.00000	.16190	.00557	-4.83810	5.00560
	GRADIENT	-.00020	.00000	.00189	.00065	.00000	.00000	.00294	-.00123	.00254	-.00123

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A185) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 5267 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.104	17.64300	1.96780	.08551	.09730	55.00000	.00000	.18281	.01179	-4.81720	5.01180
4.500	-4.884	17.64200	1.96780	.09133	.10001	55.00000	.00000	.19135	.00868	-4.80870	5.00870
4.500	.070	17.64000	1.96780	.08706	.09574	55.00000	.00000	.18281	.00868	-4.81720	5.00870
4.500	5.297	17.64000	1.96780	.08764	.09944	55.00000	.00000	.18708	.01179	-4.81290	5.01180
4.500	10.330	17.63600	1.96780	.08279	.09147	55.00000	.00000	.17427	.00868	-4.82570	5.00870
4.500	15.262	17.63400	1.96780	.07708	.08887	55.00000	.00000	.16595	.01179	-4.83400	5.01180
	GRADIENT	-.00040	.00000	-.00086	-.00086	.00000	.00000	-.00172	.00000	-.00172	.00000

PARAMETRIC DATA

ALPHA = 18.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A186) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 5267 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.088	19.65400	1.96780	.08978	.10157	55.00000	.00000	.19135	.01179	-4.80870	5.01180
4.500	-4.865	19.65300	1.96780	.09036	.10526	55.00000	.00000	.19562	.01491	-4.80440	5.01490
4.500	.066	19.65100	1.96780	.08978	.10157	55.00000	.00000	.19135	.01179	-4.80870	5.01180
4.500	5.285	19.65000	1.96780	.08978	.10157	55.00000	.00000	.19135	.01179	-4.80870	5.01180
4.500	10.330	19.64600	1.96780	.08395	.09886	55.00000	.00000	.18281	.01491	-4.81720	5.01490
4.500	15.262	19.64300	1.96780	.07552	.09043	55.00000	.00000	.16595	.01491	-4.83400	5.01490
	GRADIENT	-.00041	.00000	-.00012	-.00075	.00000	.00000	-.00087	-.00063	-.00087	-.00063

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(27A187) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 524 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.080	21.63400	1.96780	.08764	.09944	55.00000	.00000	.18708	.01179	-4.81290	5.01180
4.500	-4.956	21.63200	1.96780	.07505	.08695	55.00000	.00000	.16190	.01179	-4.83810	5.01180
4.500	.082	21.63100	1.96780	.09551	.09730	55.00000	.00000	.18281	.01179	-4.81720	5.01180
4.500	5.293	21.62900	1.96780	.08764	.09944	55.00000	.00000	.18708	.01179	-4.81290	5.01180
4.500	10.330	21.62600	1.96780	.07910	.09090	55.00000	.00000	.17000	.01179	-4.83000	5.01180
4.500	15.205	21.62200	1.96780	.07552	.09043	55.00000	.00000	.16595	.01491	-4.83400	5.01490
	GRADIENT	-.00020	.00000	.00207	.00207	.00000	.00000	.00415	.00000	.00415	.00000

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131.MODEL 106-0. SILTS ON, SB CAVITY OPEN

(27A188) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 511 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.098	15.66100	1.96780	-9.55080	-9.54710	.07027	55.00000	.00000	-.00377	-24.09800	4.99620
4.500	-14.929	15.66100	1.96780	-7.46660	-7.46280	.07832	55.00000	.00000	-.00377	-19.92900	4.99620
4.500	-9.947	15.66200	1.96780	-4.97520	-4.97140	.07832	55.00000	.00000	-.00377	-14.94700	4.99620
4.500	-4.928	15.66100	1.96780	-2.46720	-2.46030	.07027	55.00000	.00000	-.00689	-9.92750	4.99310
4.500	.217	15.66200	1.96780	.10348	.11348	.07430	55.00000	.00000	-.01000	-4.78300	4.99000
4.500	5.394	15.66400	1.96780	2.69180	2.70180	.07430	55.00000	.00000	-.01000	.39365	4.99000
4.500	10.831	15.66300	1.96780	5.40020	5.43090	.07832	55.00000	.00000	-.03059	5.83100	4.96930
4.500	15.786	15.66300	1.96780	7.88780	7.89780	.07430	55.00000	.00000	-.01000	10.78600	4.99000
	GRADIENT	.00019	.00000	.49970	.50030	.00078	.00000	.00000	-.00061	1.00001	-.00060

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 510/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 18.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.105	17.63700	1.96780	-9.55610	-9.54920	.08638	55.00000	.00000	-.00689	-24.10500	4.99310
4.500	-14.929	17.63900	1.96780	-7.46660	-7.46280	.08235	55.00000	.00000	-.00377	-19.92900	4.99620
4.500	-9.943	17.63900	1.96780	-4.97480	-4.96790	.07832	55.00000	.00000	-.00689	-14.94300	4.99310
4.500	-4.949	17.63700	1.96780	-2.47660	-2.47280	.07430	55.00000	.00000	-.00377	-9.94940	4.99620
4.500	.213	17.63900	1.96780	.10135	.11135	.07027	55.00000	.00000	-.01000	-4.78730	4.99000
4.500	5.402	17.64000	1.96780	2.69230	2.70840	.07027	55.00000	.00000	-.01517	.40171	4.98480
4.500	10.823	17.63900	1.96780	5.39890	5.42450	.06624	55.00000	.00000	-.02552	5.82340	4.97450
4.500	15.790	17.63900	1.96780	7.88980	7.89380	.07027	55.00000	.00000	-.01000	10.79000	4.99000
	GRADIENT	.00039	-.00000	.49940	.50060	-.00078	.00000	.00000	-.00121	1.00000	-.00120

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 509/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.098	19.64400	1.96780	-9.55080	-9.54710	.08638	55.00000	.00000	-.00377	-24.09800	4.99620
4.500	-14.933	19.64300	1.96780	-7.47160	-7.46160	.07832	55.00000	.00000	-.01000	-19.93300	4.99000
4.500	-9.947	19.64300	1.96780	-4.97670	-4.96980	.07832	55.00000	.00000	-.00689	-14.94700	4.99310
4.500	-4.945	19.64400	1.96780	-2.47750	-2.46750	.08235	55.00000	.00000	-.01000	-9.94500	4.99000
4.500	.217	19.64400	1.96780	.10090	.11607	.08235	55.00000	.00000	-.01517	-4.78300	4.98480
4.500	5.390	19.64300	1.96780	2.68720	2.70240	.07430	55.00000	.00000	-.01517	.38962	4.98480
4.500	10.823	19.64400	1.96780	5.40150	5.42190	.08235	55.00000	.00000	-.02035	5.82340	4.97970
4.500	15.790	19.64500	1.96780	7.88730	7.90240	.07832	55.00000	.00000	-.01517	10.79000	4.98480
	GRADIENT	.00000	.00000	.49950	.50050	.00000	.00000	.00000	-.00100	1.00001	-.00101

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 508/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.102	21.64800	1.96780	-9.55430	-9.54740	.08235	55.00000	.00000	-.00689	-24.10200	4.99310
4.500	-14.929	21.64800	1.96780	-7.46810	-7.46130	.08638	55.00000	.00000	-.00689	-19.92900	4.99310
4.500	-9.939	21.64900	1.96780	-4.97280	-4.96590	.08235	55.00000	.00000	-.00689	-14.93900	4.99310
4.500	-4.941	21.64900	1.96780	-2.47390	-2.46690	.08235	55.00000	.00000	-.00689	-9.94060	4.99310
4.500	.208	21.64900	1.96780	.09663	.11180	.07832	55.00000	.00000	-.01517	-4.79160	4.98480
4.500	5.338	21.65100	1.96780	2.69380	2.70380	.08638	55.00000	.00000	-.01000	.39768	4.99000
4.500	10.835	21.65300	1.96780	5.41240	5.42240	.08235	55.00000	.00000	-.01000	5.83490	4.99000
4.500	15.790	21.65200	1.96780	7.88980	7.89980	.08235	55.00000	.00000	-.01000	10.79000	4.99000
	GRADIENT	-.00000	-.00000	.49921	.50081	-.00078	.00000	.00000	-.00161	.99999	-.00161

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 512/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.078	15.66200	1.96780	-7.44990	7.62850	.07832	55.00000	.00000	.17854	-4.82150	-10.07800
4.500	-9.944	15.66400	1.96780	-4.89310	5.05090	.06222	55.00000	.00000	.15785	-4.84210	-4.94400
4.500	-4.798	15.66300	1.96780	-2.31810	2.48000	.07430	55.00000	.00000	.15190	-4.83810	.20182
4.500	.065	15.66500	1.96780	.11736	.05264	.08235	55.00000	.00000	.17000	-4.83000	5.06470
4.500	4.699	15.66400	1.96780	2.43020	-2.26830	.07027	55.00000	.00000	.16190	-4.83810	9.69850
4.500	9.177	15.66400	1.96780	4.66720	-4.50940	.07027	55.00000	.00000	.15755	-4.84210	14.17700
4.500	14.876	15.66400	1.96780	7.52290	-7.35290	.07832	55.00000	.00000	.17000	-4.83000	19.87600
	GRADIENT	.00011	-.00000	.50000	-.49999	-.00041	.00000	.00000	.00001	.00001	1.00000

DATE 25 JUN 80

LA131 (LARC UPWT 1299)

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A193) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 18.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 513/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.063	17.64000	1.95780	-7.45080	7.61270	.07027	55.00000	.00000	.16190	-4.83810	-10.06300
4.500	-9.929	17.64000	1.95780	-4.89260	5.04550	.07027	55.00000	.00000	.16190	-4.83810	-4.92920
4.500	-4.802	17.64000	1.95780	-2.31600	2.48600	.07832	55.00000	.00000	.17000	-4.83000	.19795
4.500	-3.487	17.64000	1.95780	-1.66540	1.86020	.05416	55.00000	.00000	.15380	-4.84620	1.51330
4.500	.055	17.64100	1.95780	.11067	.05528	.07430	55.00000	.00000	.16595	-4.83400	5.05540
4.500	4.704	17.64000	1.95780	2.43320	-2.27130	.07027	55.00000	.00000	.16190	-4.83810	9.70440
4.500	9.190	17.64200	1.95780	4.68200	-4.51020	.07430	55.00000	.00000	.17000	-4.83000	14.19000
4.500	14.862	17.64000	1.95780	7.51210	-7.35020	.09199	55.00000	.00000	.16190	-4.83810	19.86200
4.500	GRADIENT	-1.00317	.00000	.49394	-.50007	.00026	.00000	.00000	-.00013	-.00013	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A194) (24 JUN 80)

RUN NO. 514/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.063	19.63100	1.96780	-7.45080	7.61270	.07027	55.00000	.00000	.16190	-4.83810	-10.06300
4.500	-9.944	19.63100	1.95780	-4.83110	5.05350	.06624	55.00000	.00000	.16190	-4.83810	-4.94400
4.500	-4.810	19.63100	1.95780	-2.32390	2.48590	.06624	55.00000	.00000	.16190	-4.83810	.19020
4.500	.043	19.63100	1.96780	.10241	.05949	.06222	55.00000	.00000	.16190	-4.83810	5.04290
4.500	4.707	19.63100	1.96780	2.43670	-2.27070	.06624	55.00000	.00000	.16595	-4.83400	9.70740
4.500	9.185	19.63100	1.96780	4.67530	-4.50990	.07027	55.00000	.00000	.17000	-4.83000	14.18600
4.500	14.871	19.63000	1.96780	7.52070	-7.35070	.07027	55.00000	.00000	.17000	-4.83000	19.87100
4.500	GRADIENT	-1.00000	.00000	.50021	-.49978	-.00001	.00000	.00000	-.00042	.00043	1.00000

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A195) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = 2.000
 E-LORI = 5.000 E-LIRO = .000
 ELEVON = 2.500 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 515/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.063	21.64400	1.96780	-7.45080	7.61270	.07027	55.00000	.00000	.16190	-4.83810	-10.06300
4.500	-9.939	21.64300	1.96780	-4.89060	5.04950	.06624	55.00000	.00000	.15785	-4.84210	-4.93910
4.500	-4.810	21.64400	1.96780	-2.32390	2.48580	.07027	55.00000	.00000	.16190	-4.83810	.19020
4.500	.037	21.64500	1.96780	.10133	.06462	.07027	55.00000	.00000	.16595	-4.83400	5.03670
4.500	4.693	21.64300	1.96780	2.42520	-2.26740	.07027	55.00000	.00000	.15785	-4.84210	9.69260
4.500	9.163	21.64200	1.96780	4.66040	-4.50250	.06222	55.00000	.00000	.15785	-4.84210	14.16300
4.500	14.862	21.64200	1.96780	7.51410	-7.34820	.07027	55.00000	.00000	.16595	-4.83400	19.86200
	GRADIENT	-.00010	.00000	.49978	-.50021	-.00000	-.00000	.00000	-.00042	-.00041	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

LA131.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A195) (24 JUN 80)

RUN NO. 543/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.067	9.58820	.00000	-7.44650	7.62070	.09041	55.00000	.00000	.17427	2.67430	-17.56700
2.500	-9.949	9.59460	.00000	-4.88950	5.05950	.08633	55.00000	.00000	.17000	2.67000	-12.44900
2.500	-4.817	9.59590	.00000	-2.32380	2.49380	.08638	55.00000	.00000	.17000	2.67000	-7.31750
2.500	.040	9.59630	.00000	.10491	.06509	.08638	55.00000	.00000	.17000	2.67000	-2.46020
2.500	4.698	9.60040	.00000	2.43640	-2.26210	.09041	55.00000	.00000	.17427	2.67430	2.19850
2.500	9.158	9.59380	.00000	4.66630	-4.49200	.09041	55.00000	.00000	.17427	2.67430	6.65830
2.500	14.862	9.60100	.00000	7.51620	-7.34620	.08638	55.00000	.00000	.17000	2.67000	12.36200
	GRADIENT	.00036	.00000	.50023	-.49978	.00042	-.00000	.00000	.00045	.00045	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 542/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.063	11.57400	.00000	-7.44670	7.61670	.08638	55.00000	.00000	.17000	2.67000	-17.56300
2.500	-9.959	11.57400	.00000	-4.89450	5.06450	.08638	55.00000	.00000	.17000	2.67000	-12.45900
2.500	-4.825	11.57500	.00000	-2.32970	2.49560	.08638	55.00000	.00000	.16595	2.66600	-7.32530
2.500	.046	11.57300	.00000	.10802	.06198	.08638	55.00000	.00000	.17000	2.67000	-2.45400
2.500	4.701	11.57400	.00000	2.43570	-2.26570	.09041	55.00000	.00000	.17000	2.67000	2.20150
2.500	9.153	11.57400	.00000	4.65440	-4.49850	.08638	55.00000	.00000	.16595	2.66600	6.66290
2.500	14.871	11.57300	.00000	7.52070	-7.35070	.09041	55.00000	.00000	.17000	2.67000	12.37100
	GRADIENT	-.00011	.00000	.50021	-.49978	.00042	-.00000	.00000	.00043	.00042	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 541/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.067	13.60500	.00000	-7.44860	7.61860	.08638	55.00000	.00000	.17000	2.67000	-17.56700
2.500	-9.944	13.60200	.00000	-4.88700	5.05700	.09041	55.00000	.00000	.17000	2.67000	-12.44400
2.500	-4.814	13.60000	.00000	-2.32180	2.49160	.09041	55.00000	.00000	.17000	2.67000	-7.31370
2.500	.043	13.60300	.00000	.10444	.06151	.08638	55.00000	.00000	.16595	2.66600	-2.45710
2.500	4.698	13.60100	.00000	2.43430	-2.26430	.08638	55.00000	.00000	.17000	2.67000	2.19850
2.500	9.154	13.60200	.00000	4.66190	-4.49190	.08638	55.00000	.00000	.16595	2.66600	6.65370
2.500	14.867	13.59600	.00000	7.51640	-7.35040	.08638	55.00000	.00000	.16595	2.66600	12.36700
	GRADIENT	.00011	-.00000	.50000	-.50000	-.00043	-.00000	.00000	-.00001	-.00001	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 540/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.078	15.56600	.00000	-7.45420	7.62420	.08638	55.00000	.00000	.17000	2.67000	-17.57800
2.500	-9.954	15.56400	.00000	-4.89400	5.06000	.08235	55.00000	.00000	.16595	2.66600	-12.45400
2.500	-4.825	15.56700	.00000	-2.32970	2.49560	.08235	55.00000	.00000	.16595	2.66600	-7.32530
2.500	.046	15.57000	.00000	.10530	.05995	.08235	55.00000	.00000	.16595	2.66600	-2.45400
2.500	4.696	15.56800	.00000	2.43080	-2.26480	.08235	55.00000	.00000	.16595	2.66600	2.19560
2.500	9.158	15.56500	.00000	4.66210	-4.49620	.08638	55.00000	.00000	.16595	2.66600	6.65830
2.500	14.849	15.56200	.00000	7.50740	-7.34150	.08235	55.00000	.00000	.16595	2.66600	12.34900
	GRADIENT	.00011	.00000	.50001	-.49999	.00000	-.00000	.00000	.00000	.00000	1.00000

PARAMETRIC DATA

ALPHA = 15.0000 BETA = .0000
 E-LORI = 2.5000 E-LIRO = .0000
 ELEVON = 1.2500 AILRON = .0000
 BOFLAP = .0000 SPOBRK = 55.0000
 RUDDER = .0000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 528/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-19.087	9.56550	.00000	-9.55610	-9.53060	.09443	55.00000	.00000	-.02552	-16.58700	-2.52550
2.500	-14.926	9.57070	.00000	-7.47820	-7.44750	.09846	55.00000	.00000	-.03069	-12.42600	-2.53070
2.500	-9.947	9.57650	.00000	-4.98350	-4.96310	.09346	55.00000	.00000	-.02035	-7.44660	-2.52030
2.500	-4.879	9.58530	.00000	-2.45240	-2.42690	.09846	55.00000	.00000	-.02552	-2.37940	-2.52550
2.500	.221	9.58940	.00000	.09786	.12338	.09846	55.00000	.00000	-.02552	2.72120	-2.52550
2.500	5.402	9.59230	.00000	2.66810	2.71360	.10249	55.00000	.00000	-.02552	7.90170	-2.52550
2.500	10.827	9.59460	.00000	5.39830	5.42900	.09846	55.00000	.00000	-.03069	13.32700	-2.53070
2.500	15.790	9.59750	.00000	7.87690	7.91280	.09443	55.00000	.00000	-.03586	18.29000	-2.53590
	GRADIENT	.00080	.00000	.49999	-.49999	.00000	.00000	.00000	.00000	.99999	.00000

PARAMETRIC DATA

ALPHA = 10.0000 BETA = .0000
 E-LORI = 2.5000 E-LIRO = .0000
 ELEVON = 1.2500 AILRON = .0000
 BOFLAP = .0000 SPOBRK = 55.0000
 RUDDER = .0000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
E-LORI = 2.500 E-LIRO = .000
ELEVON = 1.250 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

RUN NO. 529/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.079	11.55500	.00000	-9.54720	-9.53210	.10249	55.00000	.00000	-.01517	-16.57900	-2.51520
2.500	-14.922	11.55600	.00000	-7.45600	-7.45600	.09443	55.00000	.00000	-.01000	-12.42200	-2.51000
2.500	-9.943	11.56300	.00000	-4.97630	-4.96630	.09443	55.00000	.00000	-.01000	-7.44260	-2.51000
2.500	-4.879	11.56700	.00000	-2.44310	-2.43620	.09443	55.00000	.00000	-.00689	-2.37940	-2.50690
2.500	.217	11.56500	.00000	.10348	.11348	.09443	55.00000	.00000	-.01000	2.71700	-2.51000
2.500	5.406	11.56800	.00000	2.69270	2.71300	.09443	55.00000	.00000	-.02035	7.90570	-2.52030
2.500	10.827	11.56800	.00000	5.40600	5.42120	.09443	55.00000	.00000	-.01517	13.32700	-2.51520
2.500	15.790	11.57400	.00000	7.88980	7.89980	.09041	55.00000	.00000	-.01000	18.29000	-2.51000
	GRADIENT	-.00039	.00000	.49969	.50029	.00000	-.00000	.00000	-.00061	1.00001	-.00061

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .0200

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
E-LORI = 2.500 E-LIRO = .000
ELEVON = 1.250 AILRON = .000
BDFLAP = .000 SPDBRK = 55.000
RUDDER = .000

RUN NO. 530/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.083	13.59300	.00000	-9.54650	-9.53650	.09846	55.00000	.00000	-.01000	-16.58300	-2.51000
2.500	-14.922	13.60000	.00000	-7.46600	-7.45600	.09846	55.00000	.00000	-.01000	-12.42200	-2.51000
2.500	-9.939	13.60200	.00000	-4.97950	-4.96920	.09846	55.00000	.00000	-.02035	-7.43870	-2.52030
2.500	-4.875	13.60100	.00000	-2.44090	-2.43410	.09846	55.00000	.00000	-.00689	-2.37500	-2.50690
2.500	.221	13.60300	.00000	.10044	.12079	.09846	55.00000	.00000	-.02035	2.72120	-2.52030
2.500	5.402	13.60500	.00000	2.69070	2.71100	.09846	55.00000	.00000	-.02035	7.90170	-2.52030
2.500	10.839	13.60400	.00000	5.40920	5.42950	.09846	55.00000	.00000	-.02035	13.33900	-2.52030
2.500	15.790	13.60500	.00000	7.88470	7.90500	.09443	55.00000	.00000	-.02035	18.29000	-2.52030
	GRADIENT	.00039	.00000	.49867	.50133	.00000	-.00000	.00000	-.00264	.99999	-.00263

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 531/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.083	15.57400	.00000	-9.54650	-9.53650	55.00000	.00000	-0.1000	-16.58300	-2.51000
2.500	-14.922	15.57900	.00000	-7.45600	-7.45600	55.00000	.00000	-0.1000	-12.42200	-2.51000
2.500	-9.939	15.58100	.00000	-4.97430	-4.96430	55.00000	.00000	-0.1000	-7.43870	-2.51000
2.500	-4.875	15.58400	.00000	-2.44770	-2.42730	55.00000	.00000	-0.2035	-2.37500	-2.52030
2.500	.221	15.58500	.00000	.10044	.12079	55.00000	.00000	-0.2035	2.72120	-2.52030
2.500	5.402	15.58600	.00000	2.69330	2.70840	55.00000	.00000	-0.1517	7.90170	-2.51520
2.500	10.831	15.58400	.00000	5.41050	5.42050	55.00000	.00000	-0.1000	13.33100	-2.51000
2.500	15.790	15.58100	.00000	7.88980	7.89980	55.00000	.00000	-0.1000	18.29000	-2.51000
	GRADIENT	.00020	.00000	.50000	.50000	-.00000	.00000	.00000	.99999	.00000

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 544/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-10.072	9.60800	.00000	.09231	.09477	55.00000	.00000	.00245	2.68710	-2.49750
2.500	-4.927	9.60680	.00000	.09387	.09321	55.00000	.00000	-.00066	2.68710	-2.50070
2.500	.074	9.50450	.00000	.09018	.09263	55.00000	.00000	.00245	2.68280	-2.49750
2.500	5.297	9.60100	.00000	.08435	.08992	55.00000	.00000	.00557	2.67430	-2.49440
2.500	10.318	9.54630	.00000	.08747	.08680	55.00000	.00000	-.00066	2.67430	-2.50070
2.500	15.294	9.59170	.00000	.08175	.08420	55.00000	.00000	.00245	2.66600	-2.49750
	GRADIENT	-.00046	.00000	-.00074	-.00012	.00000	.00000	.00062	-.00086	.00064

ALPHA = 10.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 545/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.068	11.58500	.00000	.09698	.09010	55.00000	.00000	.18708	-.00689	2.68710	-2.50690
2.500	-4.884	11.58500	.00000	.09640	.08640	55.00000	.00000	.18281	-.01000	2.68280	-2.51000
2.500	.074	11.58200	.00000	.08904	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
2.500	5.289	11.57700	.00000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
2.500	6.434	11.57700	.00000	.08642	.07953	55.00000	.00000	.16595	-.00689	2.66600	-2.50690
2.500	10.322	11.57400	.00000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
2.500	15.271	11.57200	.00000	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
	GRADIENT	-.00061	.00000	-.00169	.00083	.00000	.00000	-.00086	.00251	-.00087	.00252

PARAMETRIC DATA

ALPHA = 12.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN (27A206) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 546/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.092	13.58600	.00000	.09075	.09632	55.00000	.00000	.18708	.00557	2.68710	-2.49440
2.500	-4.905	13.58300	.00000	.08377	.02623	55.00000	.00000	.17000	.00245	2.67000	-2.49750
2.500	.070	13.58000	.00000	.09329	.08952	55.00000	.00000	.18281	-.00377	2.68280	-2.50380
2.500	5.280	13.57400	.00000	.09271	.08593	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
2.500	10.326	13.56700	.00000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
2.500	15.271	13.56400	.00000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
	GRADIENT	-.00060	.00000	.00191	.00066	.00000	.00000	.00257	-.00125	.00257	-.00127

PARAMETRIC DATA

ALPHA = 14.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A207) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 547/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 MACH 2.500 BOFLAP ALPHA BETA AIRLON ELEVON SPOBRK RUDDER ELV-LO ELV-RO ELV-LI ELV-RI
 2.500 -10.068 15.58800 .00000 .09477 55.00000 .00000 .18708 .00245 2.68710 -2.49750
 2.500 -4.876 15.58600 .00900 .09321 .00000 .18708 -.00066 2.68710 -2.50070
 2.500 .062 15.58200 .00000 .09329 .00000 .18281 -.00377 2.68280 -2.50380
 2.500 5.276 15.57500 .00000 .09116 .00000 .17854 .00377 2.67850 -2.50380
 2.500 10.326 15.57100 .00000 .09116 .00000 .17854 -.00377 2.67850 -2.50380
 2.500 15.276 15.56400 .00000 .09271 .00000 .17854 -.00689 2.67850 -2.50690
 GRADIENT - .01061 .00000 -.00012 -.00075 .00000 .00000 .00000 -.00063 -.00087 -.00063

PARAMETRIC DATA

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AIRLON = .000
 SPOBRK = 55.000 RUDDER = .000

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A208) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 551/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00
 MACH 2.500 BOFLAP ALPHA BETA AIRLON ELEVON SPOBRK RUDDER ELV-LO ELV-RO ELV-LI ELV-RI
 2.500 -10.098 9.57680 1.96780 .09419 55.00000 .00000 .18281 .00557 2.68280 -2.49440
 2.500 -4.884 9.57330 1.96780 .09263 55.00000 .00000 .17854 .00245 2.67850 -2.49750
 2.500 .074 9.56980 1.96780 .09018 .00000 .00000 .18281 .00445 2.68280 -2.50690
 2.500 5.285 9.56750 1.96780 .09271 .00000 .00000 .17854 .00689 2.67850 -2.50070
 2.500 10.334 9.56240 1.96780 .09360 .00000 .00000 .17854 -.00066 2.67850 -2.50070
 2.500 15.276 9.55930 1.96780 .09173 .00000 .00000 .18281 -.00066 2.68280 -2.50070
 GRADIENT - .00071 .00000 .00043 .00043 .00000 .00000 .00000 .00086 .00000 .00086

PARAMETRIC DATA

ALPHA = 10.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AIRLON = .000
 SPOBRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 12.000 BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPCBRK = .000 AILRON = .000
 SCALE = .0200 SPCBRK = .000 RUDDER = .000

MACH	EDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	11.53100	1.96780	.09018	.09263	55.00000	.00000	.18281	.00245	2.68280	-2.49750
2.500	-4.902	11.53100	1.96780	.08994	.08994	55.00000	.00000	.17854	-.00066	2.67850	-2.50070
2.500	.066	11.53100	1.96780	.08804	.09050	55.00000	.00000	.18281	.00245	2.68280	-2.49750
2.500	5.293	11.53100	1.96780	.08747	.08680	55.00000	.00000	.17854	-.00066	2.67850	-2.50070
2.500	10.322	11.56900	1.96780	.08950	.08894	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
2.500	15.276	11.58100	1.96780	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
	GRADIENT	-.00061	.00000	.00012	.00075	.00000	.00000	.00087	.00063	.00087	.00065

RUN NO. 550 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 14.000 BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO SPCBRK = .000 AILRON = .000
 SCALE = .0200 SPCBRK = .000 RUDDER = .000

MACH	EDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.080	13.53100	1.96780	.09018	.09263	55.00000	.00000	.18281	.00245	2.68280	-2.49750
2.500	-4.902	13.58100	1.96780	.08533	.08467	55.00000	.00000	.17000	-.00066	2.67000	-2.50070
2.500	.066	13.57600	1.96780	.08804	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
2.500	5.293	13.57200	1.96780	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
2.500	10.322	13.56900	1.96780	.08950	.08894	55.00000	.00000	.17854	-.00066	2.67850	-2.50070
2.500	15.276	13.56400	1.96780	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
	GRADIENT	-.00081	.00000	.00055	.00117	.00000	.00000	.00172	.00063	.00171	.00064

RUN NO. 549 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

(27A211) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 16.000 BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 2.500 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 1.250 AILRON = .000
 SCALE = .0200 SPDBRK = 55.000 RUDDER = .000

RUN NO. 548/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-10.076	15.58600	1.96780	.08862	.09419	55.00000	.00000	.18281	.00557	2.68280	-2.49440
2.500	-4.891	15.58400	1.96780	.09329	.08952	55.00000	.00000	.18281	-.00377	2.68280	-2.50380
2.500	.070	15.57800	1.96780	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
2.500	5.293	15.57300	1.96780	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
2.500	10.330	15.56800	1.96780	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
2.500	15.276	15.56200	1.96780	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
	GRADIENT	-.00121	.00000	-.00117	-.00055	.00000	.00000	-.00172	-.00063	-.00171	.00062

(27A212) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO ALPHA = 10.000 BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 2.500 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 1.250 AILRON = .000
 SCALE = .0200 SPDBRK = .000 RUDDER = .000

RUN NO. 535/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-19.087	9.56260	1.98670	-9.54840	-9.53840	55.00000	.00000	.00000	-.01000	-16.58700	-2.51000
2.500	-14.926	9.56490	1.98670	-7.47040	-7.45530	55.00000	.00000	.00000	-.01517	-12.42600	-2.51520
2.500	-9.947	9.57010	1.98670	-4.98350	-4.96310	55.00000	.00000	.00000	-.02035	-7.44660	-2.52030
2.500	-4.884	9.57420	1.98670	-2.44690	-2.43690	55.00000	.00000	.00000	-.01000	-2.38380	-2.51000
2.500	.217	9.57890	1.98670	.09831	.11865	55.00000	.00000	.00000	-.02035	2.71700	-2.52030
2.500	5.394	9.57950	1.98670	2.69180	2.70180	55.00000	.00000	.00000	-.01000	7.89370	-2.51000
2.500	10.827	9.58000	1.98670	5.40340	5.42380	55.00000	.00000	.00000	-.02035	13.32700	-2.52030
2.500	15.786	9.58240	1.98670	7.88520	7.90040	55.00000	.00000	.00000	-.01517	18.28600	-2.51520
	GRADIENT	.00092	.00000	.49899	.50101	-.00000	.00000	.00000	-.00203	1.00001	-.00202

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 55.000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 534/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.083	11.56700	1.98670	-9.54500	-9.53810	.08638	55.00000	.00000	-.00689	-16.58300	-2.50690
2.500	-14.922	11.56700	1.98670	-7.46600	-7.45600	.08638	55.00000	.00000	-.01000	-12.42200	-2.51000
2.500	-9.939	11.57200	1.98670	-4.97280	-4.96590	.08235	55.00000	.00000	-.00689	-7.43870	-2.50690
2.500	-4.879	11.57100	1.98670	-2.44730	-2.43210	.07832	55.00000	.00000	-.01517	-2.37940	-2.51520
2.500	.217	11.57100	1.98670	.10348	.11348	.07430	55.00000	.00000	-.01000	2.71700	-2.51000
2.500	5.398	11.57000	1.98670	2.69130	2.70640	.07832	55.00000	.00000	-.01517	7.89770	-2.51520
2.500	10.827	11.57000	1.98670	5.40860	5.41860	.07430	55.00000	.00000	-.01000	13.32700	-2.51000
2.500	15.786	11.57000	1.98670	7.99040	7.90040	.07832	55.00000	.00000	-.01517	18.28600	-2.51520
	GRADIENT	.00000	.00000	.50051	.49949	-.00079	-.00000	.00000	.00101	1.00001	.00102

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 55.000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 533/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.079	13.57500	1.98670	-9.54720	-9.53210	.09443	55.00000	.00000	-.01517	-16.57900	-2.51520
2.500	-14.926	13.57700	1.98670	-7.46780	-7.45780	.09041	55.00000	.00000	-.01000	-12.42600	-2.51000
2.500	-9.943	13.57800	1.98670	-4.97630	-4.96630	.08638	55.00000	.00000	-.01000	-7.44260	-2.51000
2.500	-4.884	13.57800	1.98670	-2.44530	-2.43840	.08638	55.00000	.00000	-.00689	-2.38380	-2.50690
2.500	.217	13.57600	1.98670	.10348	.11348	.08638	55.00000	.00000	-.01000	2.71700	-2.51000
2.500	5.398	13.57700	1.98670	2.69130	2.70640	.08638	55.00000	.00000	-.01517	7.89770	-2.51520
2.500	10.827	13.57600	1.98670	5.40860	5.41860	.08235	55.00000	.00000	-.01000	13.32700	-2.51000
2.500	15.790	13.57600	1.98670	7.99980	7.89980	.08638	55.00000	.00000	-.01000	18.29000	-2.51000
	GRADIENT	-.00039	.00000	.49969	.50029	.00000	-.00000	.00000	-.00061	1.00001	-.00061

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 55.000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 532/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.079	13.57500	1.98670	-9.54720	-9.53210	.09443	55.00000	.00000	-.01517	-16.57900	-2.51520
2.500	-14.926	13.57700	1.98670	-7.46780	-7.45780	.09041	55.00000	.00000	-.01000	-12.42600	-2.51000
2.500	-9.943	13.57800	1.98670	-4.97630	-4.96630	.08638	55.00000	.00000	-.01000	-7.44260	-2.51000
2.500	-4.884	13.57800	1.98670	-2.44530	-2.43840	.08638	55.00000	.00000	-.00689	-2.38380	-2.50690
2.500	.217	13.57600	1.98670	.10348	.11348	.08638	55.00000	.00000	-.01000	2.71700	-2.51000
2.500	5.398	13.57700	1.98670	2.69130	2.70640	.08638	55.00000	.00000	-.01517	7.89770	-2.51520
2.500	10.827	13.57600	1.98670	5.40860	5.41860	.08235	55.00000	.00000	-.01000	13.32700	-2.51000
2.500	15.790	13.57600	1.98670	7.99980	7.89980	.08638	55.00000	.00000	-.01000	18.29000	-2.51000
	GRADIENT	-.00039	.00000	.49969	.50029	.00000	-.00000	.00000	-.00061	1.00001	-.00061

LA131,MODEL 105-0, SILTS ON, SB CAVITY OPEN

(27A215) (24 JUN 80)

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 532/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
2.500	-19.087	15.58300	1.98670	-9.53980	-9.53980	.09443	55.00000	.00000	-.01517	-16.58700	-2.51520
2.500	-14.926	15.58300	1.98670	-7.47040	-7.47040	.09443	55.00000	.00000	-.01517	-12.42600	-2.51520
2.500	-9.943	15.58300	1.98670	-4.97890	-4.97890	.09846	55.00000	.00000	-.01517	-7.44260	-2.51520
2.500	-4.875	15.58600	1.98670	-2.44510	-2.44510	.09443	55.00000	.00000	-.01517	-2.37500	-2.51520
2.500	.217	15.58300	1.98670	.09831	.11865	.09443	55.00000	.00000	-.02035	-2.71700	-2.52030
2.500	5.402	15.58300	1.98670	2.69330	2.70840	.09846	55.00000	.00000	-.01517	7.90170	-2.51520
2.500	10.827	15.58300	1.98670	5.40340	5.42380	.09846	55.00000	.00000	-.02035	13.32700	-2.52030
2.500	15.757	15.58400	1.98670	7.87070	7.88590	.09443	55.00000	.00000	-.01517	18.25700	-2.51520
2.500	GRADIENT	-.00059	.00000	.49950	.50050	.00000	-.00000	.00000	-.00102	1.00001	-.00100

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A216) (24 JUN 80)

PARAMETRIC DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 10.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 536/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.063	9.56610	1.98670	-7.44030	7.62310	.07872	55.00000	.00000	.18281	2.68280	-17.56300
2.500	-9.954	9.56960	1.98670	-4.88770	5.06620	.08235	55.00000	.00000	.17854	2.67850	-12.45400
2.500	-4.817	9.57250	1.98670	-2.32160	2.49590	.07832	55.00000	.00000	.17427	2.67430	-7.31750
2.500	.046	9.57420	1.98670	.11016	.06411	.07832	55.00000	.00000	.17427	2.67430	-2.45400
2.500	4.690	9.57540	1.98670	2.43200	-2.25770	.08235	55.00000	.00000	.17427	2.67430	2.18970
2.500	9.158	9.57650	1.98670	4.65420	-4.49420	.07832	55.00000	.00000	.17000	2.67000	6.65830
2.500	14.853	9.57600	1.98670	7.51380	-7.33950	.08638	55.00000	.00000	.17427	2.67430	12.35300
2.500	GRADIENT	.00031	.00000	.50000	-.50000	.00042	-.00000	.00000	.00000	-.00000	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 55.000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 537/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.063	11.57400	1.98670	-7.44670	7.61670	.07832	55.00000	.00000	.17000	2.67000	-17.56300
2.500	-9.959	11.57700	1.98670	-4.89450	5.06450	.08235	55.00000	.00000	.17000	2.67000	-12.45900
2.500	-4.817	11.57600	1.98670	-2.32380	2.49380	.08235	55.00000	.00000	.17000	2.67000	-7.31750
2.500	.046	11.57400	1.98670	.10802	.06198	.08235	55.00000	.00000	.17000	2.67000	-2.45400
2.500	4.698	11.57600	1.98670	2.43430	-2.26430	.08235	55.00000	.00000	.17000	2.67000	2.19850
2.500	9.168	11.57600	1.98670	4.67090	-4.49660	.08235	55.00000	.00000	.17427	2.67430	6.66750
2.500	14.853	11.57400	1.98670	7.51380	-7.33950	.08235	55.00000	.00300	.17427	2.67430	12.35300
	GRADIENT	-.00000	.00000	.50001	-.50001	.00000	-.00000	.00000	.00000	.00000	1.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN (27A218) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 2.000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 55.000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 539/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.063	13.56900	1.98670	-7.44670	7.61670	.08235	55.00000	.00000	.17000	2.67000	-17.56300
2.500	-9.954	13.57100	1.98670	-4.88980	5.06410	.08235	55.00000	.00000	.17427	2.67430	-12.45400
2.500	-4.821	13.57000	1.98670	-2.32570	2.49570	.08235	55.00000	.00000	.17000	2.67000	-7.32140
2.500	.040	13.57000	1.98670	.10288	.06307	.08235	55.00000	.00000	.16595	2.66600	-2.46020
2.500	4.696	13.57000	1.98670	2.43280	-2.26280	.08235	55.00000	.00000	.17000	2.67000	2.19560
2.500	9.158	13.57100	1.98670	4.66210	-4.49620	.08235	55.00000	.00000	.16595	2.66600	6.65830
2.500	14.853	13.57000	1.96570	7.50970	-7.34370	.08235	55.00000	.00000	.16595	2.66600	12.35300
	GRADIENT	.00000	-.00000	.50000	-.50000	-.00000	-.00000	.00000	-.00001	-.00001	1.00000

(27A219) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A220) (24 JUN 80)

PARAMETRIC DATA

REFERENCE DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

SREF = 2690.000 SQ. IN. XMPP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 539/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-15.075	15.55900	1.98670	-7.45440	7.62030	.08235	55.00000	.00000	.16595	2.66600	-17.57100
2.500	-9.954	15.56100	1.98670	-4.89200	5.06200	.08235	55.00000	.00000	.17000	2.67000	-12.45400
2.500	-4.825	15.56200	1.93670	-2.32760	2.49760	.08235	55.00000	.00000	.16595	2.66600	-7.32530
2.500	.040	15.56100	1.98670	.10288	.06307	.07832	55.00000	.00000	.16595	2.66600	-2.46020
2.500	4.696	15.56200	1.98670	2.43080	-2.26480	.08235	55.00000	.00000	.16595	2.66600	2.19560
2.500	9.158	15.56500	1.98670	4.66210	-4.49620	.07832	55.00000	.00000	.16595	2.66600	6.65830
2.500	14.853	15.56300	1.98670	7.50970	-7.34370	.08235	55.00000	.00000	.16595	2.66600	12.35300
	GRADIENT	-.00000	-.00000	.49978	-.50021	-.00001	-.00000	.00000	-.00043	-.00042	1.00000

PARAMETRIC DATA

REFERENCE DATA

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

SREF = 2690.000 SQ. IN. XMPP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 575/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.071	14.65700	.00000	-7.44620	7.62470	.08638	55.00000	.00000	.17854	2.67850	-17.57100
3.500	-9.949	14.65900	.00000	-4.89520	5.06380	.08638	55.00000	.00000	.17854	2.67850	-12.44900
3.500	-4.821	14.66000	.00000	-2.32570	2.49570	.06624	55.00000	.00000	.17000	2.67000	-7.32140
3.500	.030	14.66000	.00000	.10451	.07403	.08638	55.00000	.00000	.17854	2.67850	-2.46950
3.500	4.704	14.66000	.00000	2.43720	-2.26720	.06222	55.00000	.00000	.17000	2.67000	2.20440
3.500	9.163	14.66000	.00000	4.67070	-4.49620	.08235	55.00000	.00000	.17854	2.67850	6.66290
3.500	14.657	14.65700	.00000	7.52270	-7.34410	.08638	55.00000	.00000	.17854	2.67850	12.36700
	GRADIENT	-.00000	.00000	.50001	-.49999	-.00039	-.00000	.00000	.00001	.00001	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 574/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.071	16.65800	.00000	-7.45050	7.62050	.09041	55.00000	.00000	.17000	2.67000	-17.57100
3.500	-9.954	16.65700	.00000	-4.89200	5.06200	.08638	55.00000	.00000	.17000	2.67000	-12.45400
3.500	-4.821	16.65700	.00000	-2.32140	2.50000	.08638	55.00000	.00000	.17854	2.67850	-7.32140
3.500	.043	16.65600	.00000	.10241	.05949	.06624	55.00000	.00000	.16190	2.66190	-2.45710
3.500	4.698	16.65500	.00000	2.43850	-2.26000	.08638	55.00000	.00000	.17854	2.67850	2.19850
3.500	9.168	16.65300	.00000	4.67300	-4.49450	.08638	55.00000	.00000	.17854	2.67850	6.66750
3.500	14.849	16.65000	.00000	7.51370	-7.33520	.08235	55.00000	.00000	.17854	2.67850	12.34900
	GRADIENT	-.00021	-.00000	.49998	-.50002	-.00003	-.00000	.00000	-.00003	-.00003	1.00000

PARAMETRIC DATA

ALPHA = 17.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 573/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.071	18.65300	.00000	-7.45050	7.62050	.09041	55.00000	.00000	.17000	2.67000	-17.57100
3.500	-9.949	18.65100	.00000	-4.88950	5.05950	.09041	55.00000	.00000	.17000	2.67000	-12.44900
3.500	-4.814	18.65100	.00000	-2.32180	2.49180	.09041	55.00000	.00000	.17000	2.67000	-7.31370
3.500	.136	18.65000	.00000	.13597	.00064	.03403	55.00000	.00000	.13760	2.63760	-2.36370
3.500	4.926	18.64900	.00000	2.54000	-2.36620	.05416	55.00000	.00000	.15390	2.65390	2.42620
3.500	9.181	18.64700	.00000	4.67770	-4.50350	.09041	55.00000	.00000	.17427	2.67430	6.68120
3.500	14.849	18.64500	.00000	7.51160	-7.33730	.09041	55.00000	.00000	.17427	2.67430	12.34900
	GRADIENT	-.00021	.00000	.49915	-.50084	-.00376	.00000	.00000	-.00169	-.00169	1.00000

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO ALPHA = 21.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 2.500 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 1.250 AILRON = .000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 572 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.075	20.65700	.00000	-7.45020	7.62450	.09443	55.00000	.00000	.17427	2.67430	-17.57500
3.500	-9.934	20.65000	.00000	-4.89410	5.05000	.09443	55.00000	.00000	.16595	2.66600	-12.43400
3.500	-4.814	20.65000	.00000	-2.32390	2.48380	.09441	55.00000	.00000	.16595	2.66600	-7.31370
3.500	.099	20.64800	.00000	.12233	.02337	.05819	55.00000	.00000	.14570	2.64570	-2.40100
3.500	4.698	20.64700	.00000	2.43220	-2.26530	.09443	55.00000	.00000	.16595	2.66600	2.19850
3.500	9.163	20.64600	.00000	4.66640	-4.49640	.09443	55.00000	.00000	.17000	2.67000	6.66290
3.500	14.953	20.64400	.00000	7.51170	-7.34170	.09443	55.00000	.00000	.17000	2.67000	12.35300
	GRADIENT	-1.00032	-0.00000	4.93998	-1.50002	.00034	.00000	.00000	-0.00005	-0.00005	1.00000

REFERENCE DATA

SREF = 2690.0000 SO. IN. XMRP = 1076.7000 IN. XO ALPHA = 15.000 BETA = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LORI = 2.500 E-LIRO = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELEVON = 1.250 AILRON = .000
 SCALE = .0200 RUDDER = .000 SPDBRK = 55.000

RUN NO. 560 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-19.076	14.66900	.00000	-9.53810	-9.53750	.10249	55.00000	.00000	-0.00066	-16.57600	-2.50070
3.500	-14.918	14.66300	.00000	-7.46100	-7.45720	.09946	55.00000	.00000	-0.03377	-12.41800	-2.50380
3.500	-9.979	14.66300	.00000	-4.97430	-4.96430	.09041	55.00000	.00000	-0.10000	-7.43870	-2.51000
3.500	-4.871	14.67000	.00000	-2.44030	-2.43030	.08638	55.00000	.00000	-0.10000	-2.37060	-2.51000
3.500	.226	14.67000	.00000	.10775	.11775	.08638	55.00000	.00000	-0.10000	2.72550	-2.51000
3.500	5.338	14.67000	.00000	2.62540	2.70230	.08235	55.00000	.00000	-0.06589	7.89770	-2.50690
3.500	10.831	14.66900	.00000	5.41210	5.41900	.08235	55.00000	.00000	-0.06689	13.33100	-2.50690
3.500	15.720	14.66800	.00000	7.89140	7.89630	.08638	55.00000	.00000	-0.06699	18.29000	-2.50690
	GRADIENT	.00000	.00000	.50000	.50000	-0.00000	.00000	.00000	.00000	1.00000	.00000

PARAMETRIC DATA

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BOFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

(27A225) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 17.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 561/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.079	16.65700	.00000	-9.54460	-9.53460	.09443	55.00000	.00000	-.01000	-16.57900	-2.51000
3.500	-14.929	16.65700	.00000	-7.46810	-7.46130	.09443	55.00000	.00000	-.00689	-12.42900	-2.50690
3.500	-9.939	16.65800	.00000	-4.97280	-4.96590	.09041	55.00000	.00000	-.00689	-7.43870	-2.50690
3.500	-4.871	16.65800	.00000	-2.43880	-2.43190	.09041	55.00000	.00000	-.00689	-2.37060	-2.50690
3.500	.226	16.65800	.00000	.10931	.11619	.09443	55.00000	.00000	-.00689	2.72550	-2.50690
3.500	5.398	16.65700	.00000	2.69380	2.70380	.07430	55.00000	.00000	-.01000	7.89770	-2.51000
3.500	10.835	16.65600	.00000	5.41550	5.41930	.07832	55.00000	.00000	-.00377	13.33500	-2.50380
3.500	15.794	16.65500	.00000	7.89500	7.89880	.08235	55.00000	.00000	-.00377	18.29400	-2.50380
	GRADIENT	.00000	.00000	.50001	.50001	.00079	.00000	.00000	.00000	1.00000	.00000

(27A226) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 562/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.079	18.65000	.00000	-9.54460	-9.53460	.09443	55.00000	.00000	-.01000	-16.57900	-2.51000
3.500	-14.918	18.64800	.00000	-7.46110	-7.45410	.09443	55.00000	.00000	-.01000	-12.41800	-2.51000
3.500	-9.939	18.64900	.00000	-4.97120	-4.96740	.09443	55.00000	.00000	-.00377	-7.43870	-2.50380
3.500	-4.875	18.65100	.00000	-2.44090	-2.43410	.09041	55.00000	.00000	-.00689	-2.37500	-2.50690
3.500	.221	18.65100	.00000	.10562	.11562	.09041	55.00000	.00000	-.01000	2.72120	-2.51000
3.500	5.410	18.65100	.00000	2.69730	2.71250	.09041	55.00000	.00000	-.01517	7.90980	-2.51520
3.500	10.835	18.65000	.00000	5.40980	5.42500	.09041	55.00000	.00000	-.01517	13.33500	-2.51520
3.500	15.794	18.64800	.00000	7.88670	7.90710	.09041	55.00000	.00000	-.02035	18.29400	-2.52030
	GRADIENT	.00000	.00000	.49969	.50031	.00000	.00000	.00000	.00061	.99999	-.00061

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A227) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 563/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.079	20.64200	.00000	-9.54720	-9.53210	.09041	55.00000	.00000	-0.01517	-16.57900	-2.51520
3.500	-14.918	20.64200	.00000	-7.46670	-7.45150	.09443	55.00000	.00000	-0.01517	-12.41800	-2.51520
3.500	-9.935	20.64500	.00000	-4.97230	-4.96230	.09443	55.00000	.00000	-0.01000	-7.43470	-2.51000
3.500	-4.871	20.64500	.00000	-2.44030	-2.43030	.09041	55.00000	.00000	-0.01000	-2.37060	-2.51000
3.500	.221	20.64500	.00000	.10044	.12079	.09041	55.00000	.00000	-0.02035	2.72120	-2.52030
3.500	5.406	20.64600	.00000	2.69790	2.70790	.09041	55.00000	.00000	-0.01000	7.90570	-2.51000
3.500	10.831	20.64700	.00000	5.40790	5.42310	.08638	55.00000	.00000	-0.01517	13.33100	-2.51520
3.500	15.790	20.64700	.00000	7.88730	7.90240	.07430	55.00000	.00000	-0.01517	18.29000	-2.51520
	GRADIENT	.00000	.00000	.49898	.50102	.00000	.00000	.00000	-0.00203	.99999	-0.00202

ALPHA = 21.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A228) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 552/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	ELEVON	AILRON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.088	14.68000	.00000	-0.9756	.09379	55.00000	.00000	.19135	-0.00377	2.69130	-2.50380
3.500	-4.869	14.68000	.00000	.09387	.09321	55.00000	.00000	.18708	-0.00666	2.68710	-2.50070
3.500	.078	14.67800	.00000	.09018	.09263	55.00000	.00000	.18291	.00245	2.68280	-2.49750
3.500	5.297	14.67600	.00000	.09116	.08738	55.00000	.00000	.17854	-0.00377	2.67850	-2.50380
3.500	10.343	14.67500	.00000	.08533	.08467	55.00000	.00000	.17000	-0.00666	2.67000	-2.50070
3.500	15.257	14.66900	.00000	.08960	.08894	55.00000	.00000	.17854	-0.00666	2.67850	-2.50070
	GRADIENT	-0.00040	.00000	-0.00075	-0.00012	.00000	.00000	-0.00086	.00063	-0.00087	-0.00065

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

ALPHA = 15.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A229) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 553/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.080	16.65200	.00000	.09543	.09165	55.00000	.00000	.18708	-.00377	2.68710	-2.50380
3.500	-4.887	16.65200	.00000	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
3.500	.070	16.65000	.00000	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
3.500	5.280	16.64800	.00000	.08533	.08467	55.00000	.00000	.17000	-.00066	2.67000	-2.50070
3.500	10.330	16.64500	.00000	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
3.500	15.257	16.64000	.00000	.08689	.08311	55.00000	.00000	.17000	-.00377	2.67000	-2.50380
	GRADIENT	-.00040	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	-.00000

PARAMETRIC DATA

ALPHA = 17.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A230) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 554/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.084	18.68200	.00000	.09756	.09379	55.00000	.00000	.19135	-.00377	2.69130	-2.50380
3.500	-4.869	18.68100	.00000	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	.058	18.67900	.00000	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
3.500	5.217	18.67600	.00000	.08642	.07953	55.00000	.00000	.16595	-.00689	2.66600	-2.50690
3.500	10.343	18.67300	.00000	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
3.500	15.239	18.66800	.00000	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
	GRADIENT	-.00041	.00000	-.00055	-.00118	.00000	.00000	-.00173	-.00063	-.00175	-.00063

PARAMETRIC DATA

ALPHA = 19.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A231) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

RUN NO. 555/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.092	20.66700	.00000	.09387	.09321	55.00000	.00000	.18708	-.00065	2.68710	-2.50070
3.500	-4.873	20.66500	.00000	.09231	.09477	55.00000	.00000	.18708	.00245	2.68710	-2.49750
3.500	.062	20.66200	.00000	.09329	.08952	55.00000	.00000	.18281	-.00377	2.68280	-2.50380
3.500	5.285	20.65800	.00000	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
3.500	10.334	20.65200	.00000	.09271	.08563	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
3.500	15.248	20.64600	.00000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
	GRADIENT	-.00061	.00000	.00020	-.00106	.00000	.00000	-.00087	-.00125	-.00087	-.00128

PARAMETRIC DATA

ALPHA = 21.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A232) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

RUN NO. 559/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.075	14.67800	1.98670	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	-4.869	14.67600	1.98670	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	.066	14.67500	1.98670	.09231	.09477	55.00000	.00000	.18708	.00245	2.68710	-2.49750
3.500	5.276	14.67100	1.98670	.09231	.09477	55.00000	.00000	.18708	.00245	2.68710	-2.49750
3.500	10.343	14.66900	1.98670	.09329	.08952	55.00000	.00000	.18281	-.00377	2.68280	-2.50380
3.500	15.262	14.66700	1.98670	.09173	.09107	55.00000	.00000	.18281	-.00066	2.68280	-2.50070
	GRADIENT	-.00020	.00000	-.00032	.00032	.00000	.00000	.00000	.00063	-.00000	.00065

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

DATE 25 JUN 80

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A233) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 17.000 BETA = 2.000
 E-LORI = 2.500 E-LTRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 558/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.072	16.67300	1.98670	.09543	.09165	55.00000	.00000	.18708	-.00377	2.68710	-2.50380
3.500	-4.891	16.67200	1.98670	.09445	.09690	55.00000	.00000	.19135	.00245	2.69130	-2.49750
3.500	.074	16.66900	1.98670	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	5.297	16.66700	1.98670	.09698	.09010	55.00000	.00000	.18708	-.00689	2.68710	-2.50690
3.500	10.343	16.66400	1.98670	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	15.266	16.65900	1.98670	.09173	.09107	55.00000	.00000	.18281	-.00066	2.68280	-2.50070
	GRADIENT	-.00060	.00000	-.00012	-.00074	.00000	.00000	-.00086	-.00063	-.00085	-.00064

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 19.000 BETA = 2.000
 E-LORI = 2.500 E-LTRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 557/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.080	18.68700	1.98670	.09756	.09379	55.00000	.00000	.19135	-.00377	2.69130	-2.50380
3.500	-4.887	18.68600	1.98670	.09231	.09477	55.00000	.00000	.18708	.00245	2.68710	-2.49750
3.500	.078	18.68200	1.98670	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	5.289	18.67900	1.98670	.09543	.09165	55.00000	.00000	.18708	-.00377	2.68710	-2.50380
3.500	10.318	18.67600	1.98670	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50690
3.500	15.266	18.67100	1.98670	.09329	.08952	55.00000	.00000	.18281	-.00377	2.68280	-2.50380
	GRADIENT	-.00081	.00000	.00031	-.00031	.00000	.00000	.00000	-.00063	.00000	-.00064

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A234) (24 JUN 80)

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A235) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 556/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.500	-10.092	20.67600	1.98670	.09387	.09321	55.00000	.00000	.18708	-.00066	2.68710	-2.50070
3.500	-4.880	20.67300	1.98670	.09173	.09107	55.00000	.00000	.18281	-.00066	2.68280	-2.50070
3.500	.958	20.67100	1.98670	.09640	.08640	55.00000	.00000	.18281	-.01000	2.68280	-2.51000
3.500	5.293	20.66700	1.98670	.09173	.09107	55.00000	.00000	.18281	-.00066	2.68280	-2.50070
3.500	10.343	20.66100	1.98670	.09329	.08952	55.00000	.00000	.18281	-.00377	2.68280	-2.50380
3.500	15.252	20.65500	1.98670	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
	GRADIENT	-.00041	.00000	.00095	-.00095	.00000	.00000	.00000	-.00189	.00000	-.00188

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A235) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 567/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.090	14.67000	1.96780	-9.54870	-9.54180	.09041	55.00000	.00000	-.00689	-16.59000	-2.50690
3.500	-14.929	14.67000	1.96780	-7.46970	-7.45970	.08638	55.00000	.00000	-.01000	-12.42900	-2.51000
3.500	-9.954	14.67200	1.96780	-4.98230	-4.97230	.08638	55.00000	.00000	-.01000	-7.45450	-2.51000
3.500	-4.888	14.67000	1.96780	-2.44910	-2.43910	.08639	55.00000	.00000	-.01000	-2.38810	-2.51000
3.500	.217	14.67200	1.96780	.10348	.11348	.09443	55.00000	.00000	-.01000	2.71700	-2.51000
3.500	5.398	14.67200	1.96780	2.69130	2.70640	.09041	55.00000	.00000	-.01517	7.89770	-2.51520
3.500	10.827	14.67200	1.96780	5.40340	5.42390	.08638	55.00000	.00000	-.02035	13.32700	-2.52030
3.500	15.786	14.67200	1.96780	7.88780	7.89780	.08235	55.00000	.00000	-.01000	18.28600	-2.51000
	GRADIENT	.00039	.00000	.50001	.50001	.00158	-.00000	.00000	-.00000	1.00001	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 17.0000 ALPHA = 17.0000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = 2.5000 E-LIRO = 2.5000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 1.2500 AILRON = 1.2500
 SCALE = .0200 BOFLAP = .0000 SPDBRK = 55.0000 RUDDER = .0000

RUN NO. 566/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.087	16.66100	1.96780	-9.54840	-9.53840	.09041	55.00000	.00000	-.01000	-16.58700	-2.51000
3.500	-14.933	16.66200	1.96780	-7.47160	-7.46160	.08638	55.00000	.00000	-.01000	-12.43300	-2.51000
3.500	-9.743	16.66300	1.96780	-4.93090	-4.96570	.09041	55.00000	.00000	-.01517	-7.44660	-2.51520
3.500	-4.822	16.66300	1.96780	-2.45130	-2.44130	.08638	55.00000	.00000	-.01000	-2.39250	-2.51000
3.500	.204	16.66300	1.96780	.09449	.10965	.08235	55.00000	.00000	-.01517	2.70420	-2.51520
3.500	5.394	16.66300	1.96780	2.68920	2.70440	.09041	55.00000	.00000	-.01517	7.89370	-2.51520
3.500	10.827	16.66200	1.96780	5.40860	5.41860	.08638	55.00000	.00000	-.01000	13.32700	-2.51000
3.500	15.781	16.66100	1.96780	7.89410	7.89410	.08638	55.00000	.00000	-.00689	18.28100	-2.50690
	GRADIENT	.00000	.00000	.49350	.50052	-.00079	.00000	.00000	-.00101	1.00001	-.00102

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = 19.0000 ALPHA = 19.0000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO E-LIRO = 2.5000 E-LIRO = 2.5000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO AILRON = 1.2500 AILRON = 1.2500
 SCALE = .0200 BOFLAP = .0000 SPDBRK = 55.0000 RUDDER = .0000

RUN NO. 565/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.083	18.66600	1.96780	-9.54650	-9.53650	.08638	55.00000	.00000	-.01000	-16.58300	-2.51000
3.500	-14.729	18.66700	1.96780	-7.47230	-7.45710	.08638	55.00000	.00000	-.01517	-12.42900	-2.51520
3.500	-9.743	18.66700	1.96780	-4.97480	-4.96790	.08638	55.00000	.00000	-.00689	-7.44260	-2.50690
3.500	-4.873	18.66700	1.96780	-2.44730	-2.43210	.08638	55.00000	.00000	-.01517	-2.37940	-2.51520
3.500	.217	18.66700	1.96780	.10349	.11348	.08638	55.00000	.00000	-.01000	2.71700	-2.51000
3.500	5.398	18.66700	1.96780	2.63870	2.70900	.07832	55.00000	.00000	-.02035	7.89770	-2.52030
3.500	10.827	18.66700	1.96780	5.40860	5.41860	.09041	55.00000	.00000	-.01000	13.32700	-2.51000
3.500	15.726	18.66700	1.96780	7.90040	7.90040	.08235	55.00000	.00000	-.01517	18.28600	-2.51520
	GRADIENT	.00000	.00000	.50051	.49949	.00000	.00000	.00000	.00101	1.00001	.00102

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A239) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 564/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
3.500	-19.093	20.65000	1.96780	-9.54910	-9.53390	.09443	55.00000	.00000	-.01517	-16.58300	-2.51520
3.500	-14.928	20.65000	1.96780	-7.46780	-7.45780	.09041	55.00000	.00000	-.01000	-12.42600	-2.51000
3.500	-9.943	20.65000	1.96780	-4.97630	-4.96630	.09041	55.00000	.00000	-.01000	-7.44260	-2.51000
3.500	-4.875	20.65200	1.96780	-2.44250	-2.43250	.09041	55.00000	.00000	-.01000	-2.37500	-2.51000
3.500	.221	20.65200	1.96780	.10303	.11820	.09041	55.00000	.00000	-.01517	2.72120	-2.51520
3.500	5.398	20.65300	1.96780	2.69130	2.70640	.08638	55.00000	.00000	-.01517	7.89770	-2.51520
3.500	10.835	20.65500	1.96780	5.40980	5.42500	.09041	55.00000	.00000	-.01000	13.33500	-2.51000
3.500	15.790	20.65300	1.96780	7.88980	7.89980	.08638	55.00000	.00000	-.01000	18.29000	-2.51000
	GRADIENT	.00000	.00000	.49949	.50051	.00000	-.00000	.00000	-.00101	.99999	-.00102

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 568/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.071	14.67200	1.96780	-7.44620	7.62470	.08638	55.00000	.00000	.17854	2.67850	-17.57100
3.500	-9.959	14.67200	1.96780	-4.89020	5.06870	.09041	55.00000	.00000	.17854	2.67850	-12.45900
3.500	-4.817	14.67100	1.96780	-2.32160	2.49590	.08638	55.00000	.00000	.17427	2.67430	-7.31750
3.500	-3.304	14.67600	1.96780	-1.57730	1.72700	.06222	55.00000	.00000	.14975	2.64980	-5.80430
3.500	.040	14.67300	1.96780	.10704	.06723	.09041	55.00000	.00000	.17427	2.67430	-2.44600
3.500	4.698	14.67500	1.96780	2.43430	-2.26430	.09041	55.00000	.00000	.17000	2.67000	2.19850
3.500	9.168	14.67500	1.96780	4.66670	-4.50080	.08638	55.00000	.00000	.16595	2.66600	6.66750
3.500	14.857	14.67500	1.96780	7.51840	-7.34840	.09041	55.00000	.00000	.17000	2.67000	12.36700
	GRADIENT	.00022	-.00000	.50035	-.49966	.00160	-.00000	.00000	.00069	.00068	1.00000

PARAMETRIC DATA

ALPHA = 15.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A240) (24 JUN 80)

(27A241) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 17.000 BETA = 2.000
 E-LOFI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 569/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.075	16.66900	1.96780	-7.45440	7.62030	.09041	55.00000	.00000	.16595	2.66600	-17.57500
3.500	-9.934	16.66700	1.96780	-4.88410	5.05000	.08638	55.00000	.00000	.16595	2.66600	-12.43400
3.500	-4.821	16.66800	1.96780	-2.32770	2.49370	.09041	55.00000	.00000	.16595	2.66600	-7.32140
3.500	.046	16.67000	1.96780	.10397	.05793	.09041	55.00000	.00000	.16190	2.66190	-2.45400
3.500	4.696	16.67000	1.96780	2.43080	-2.26480	.08638	55.00000	.00000	.16595	2.66600	2.19560
3.500	9.172	16.67200	1.96780	4.66900	-4.50310	.08638	55.00000	.00000	.16595	2.66600	6.67210
3.500	14.858	16.66900	1.96780	7.51190	-7.34600	.08638	55.00000	.00000	.16595	2.66600	12.35800
	GRADIENT	.00021	.00000	.50000	-.50000	-.00042	-.00000	.00000	-.00001	-.00001	1.00000

(27A242) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 19.000 BETA = 2.000
 E-LOFI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 570/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
3.500	-15.063	18.64700	1.96780	-7.44880	7.61470	.09041	55.00000	.00000	.16595	2.66600	-17.56300
3.500	-9.949	18.64800	1.96780	-4.89350	5.05540	.08638	55.00000	.00000	.16190	2.66190	-12.44900
3.500	-4.814	18.64900	1.96780	-2.32590	2.48780	.09041	55.00000	.00000	.16190	2.66190	-7.31370
3.500	.046	18.65000	1.96780	.10600	.05995	.08638	55.00000	.00000	.16595	2.66600	-2.45400
3.500	4.701	18.65100	1.96780	2.43170	-2.26980	.08638	55.00000	.00000	.16190	2.66190	2.20150
3.500	9.149	18.65000	1.96780	4.65760	-4.49160	.08638	55.00000	.00000	.16595	2.66600	6.64920
3.500	14.849	18.64800	1.96780	7.50740	-7.34150	.09041	55.00000	.00000	.16595	2.66600	12.34900
	GRADIENT	.00021	.00000	.50000	-.50000	-.00043	-.00000	.00000	-.00001	-.00001	1.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A243) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 571/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LD	ELV-LI	ELV-RI
3.500	-15.071	20.64400	1.96780	-7.45050	7.62050	.08638	55.00000	.00000	.17000	2.67000	-17.57100
3.500	-9.944	20.64500	1.96780	-4.89300	5.05500	.09041	55.00000	.00000	.16595	2.66600	-12.44400
3.500	-4.817	20.64700	1.96780	-2.32380	2.49380	.09041	55.00000	.00000	.17000	2.67000	-7.31750
3.500	.049	20.64900	1.96780	.10755	.05840	.09443	55.00000	.00000	.16595	2.66600	-2.45080
3.500	4.766	20.64800	1.96780	2.45810	-2.30840	.06624	55.00000	.00000	.14975	2.64980	2.26650
3.500	9.158	20.64900	1.96780	4.66210	-4.49620	.09443	55.00000	.00000	.16595	2.66600	6.66830
3.500	14.849	20.64700	1.96780	7.50940	-7.33940	.09443	55.00000	.00000	.17000	2.67000	12.34900
	GRADIENT	.00011	-.00000	.49895	-.50106	-.00250	-.00000	.00000	-.00211	-.00210	1.00000

PARAMETRIC DATA

ALPHA = 21.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 576/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.094	15.64900	.00000	-9.54120	-9.55300	.11859	55.00000	.00000	.01179	-16.59400	-2.48820
4.500	-14.922	15.64800	.00000	-7.45980	-7.46220	.11054	55.00000	.00000	.00245	-12.42200	-2.49750
4.500	-9.975	15.64800	.00000	-4.96770	-4.96700	.11054	55.00000	.00000	-.00066	-7.43470	-2.50070
4.500	-4.862	15.64800	.00000	-2.42970	-2.43220	.10651	55.00000	.00000	.00245	-2.36190	-2.49750
4.500	.230	15.64800	.00000	.11456	.11522	.10249	55.00000	.00000	-.00066	2.72980	-2.50070
4.500	5.406	15.64700	.00000	2.70410	2.70160	.10249	55.00000	.00000	.00245	7.90570	-2.49750
4.500	10.835	15.64600	.00000	5.41400	5.42090	.10249	55.00000	.00000	-.00689	13.33500	-2.50690
4.500	15.794	15.64500	.00000	7.89190	7.90190	.09846	55.00000	.00000	-.01000	18.29400	-2.51000
	GRADIENT	.00000	.00000	.49969	.50031	-.00079	.00000	.00000	-.00061	1.00001	-.00063

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A244) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 577/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.083	17.64200	.00000	-9.54340	-9.53960	.10249	55.00000	.00000	-.00377	-16.58300	-2.50380
4.500	-14.922	17.64200	.00000	-7.46290	-7.45910	.09846	55.00000	.00000	-.00377	-12.42200	-2.50380
4.500	-9.939	17.64300	.00000	-4.97120	-4.96740	.10249	55.00000	.00000	-.00377	-7.43870	-2.50380
4.500	-4.875	17.64400	.00000	-2.44250	-2.43250	.09041	55.00000	.00000	-.01000	-2.37500	-2.51000
4.500	.217	17.64500	.00000	-1.0348	.09041	.09041	55.00000	.00000	-.01000	2.71700	-2.51000
4.500	5.406	17.64600	.00000	2.69840	2.70630	.09443	55.00000	.00000	-.00689	7.90570	-2.50690
4.500	10.835	17.65500	.00000	5.41240	5.42240	.09443	55.00000	.00000	-.01000	13.33500	-2.51000
4.500	15.790	17.65600	.00000	7.88980	7.89980	.09041	55.00000	.00000	-.01000	18.29000	-2.51000
	GRADIENT	.00020	.00000	.50000	.50000	.00000	-.00000	.00000	-.00000	1.00001	.00000

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BRFF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 578/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.079	19.65400	.00000	-9.54310	-9.53620	.09846	55.00000	.00000	-.00689	-16.57900	-2.50690
4.500	-14.926	19.65500	.00000	-7.46780	-7.45780	.09846	55.00000	.00000	-.01000	-12.42600	-2.51000
4.500	-9.939	19.65500	.00000	-4.97120	-4.96740	.09846	55.00000	.00000	-.00377	-7.43870	-2.50380
4.500	-4.879	19.65600	.00000	-2.44390	-2.43940	.09846	55.00000	.00000	-.00066	-2.37940	-2.50370
4.500	.217	19.65600	.00000	-1.0504	.11193	.09846	55.00000	.00000	-.00689	2.71700	-2.50690
4.500	5.402	19.65600	.00000	2.69740	2.70430	.09846	55.00000	.00000	-.00689	7.90170	-2.50690
4.500	10.835	19.65700	.00000	5.41240	5.42240	.09846	55.00000	.00000	-.01000	13.33500	-2.51000
4.500	15.790	19.65700	.00000	7.88980	7.89980	.09443	55.00000	.00000	-.01000	18.29000	-2.51000
	GRADIENT	.00000	.00000	.49338	.50062	.00000	-.00000	.00000	-.00122	1.00001	-.00122

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 579/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.079	21.64000	.00000	-9.54150	-9.53780	.10249	55.00000	.00000	-.00377	-16.57900	-2.50380
4.500	-14.922	21.63900	.00000	-7.46440	-7.45750	.09846	55.00000	.00000	-.00689	-12.42200	-2.50690
4.500	-9.943	21.64000	.00000	-4.97480	-4.96790	.09846	55.00000	.00000	-.00689	-7.44260	-2.50690
4.500	-4.875	21.63900	.00000	-2.43940	-2.43560	.09846	55.00000	.00000	-.00377	-2.37500	-2.50380
4.500	.221	21.63900	.00000	.10717	.11406	.09443	55.00000	.00000	-.00689	2.72120	-2.50690
4.500	5.398	21.63900	.00000	2.69130	2.70640	.09443	55.00000	.00000	-.01517	7.89770	-2.51520
4.500	10.827	21.63900	.00000	5.40600	5.42120	.09846	55.00000	.00000	-.01517	13.32700	-2.51520
4.500	15.790	21.63800	.00000	7.89140	7.89830	.09846	55.00000	.00000	-.00689	18.29000	-2.50690
4.500	GRADIENT	-.00000	.00000	.49970	.50030	-.00079	-.00000	.00000	-.00061	.99999	-.00061

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 591/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.060	15.64800	.00000	-7.44890	7.61080	.09041	55.00000	.00000	.16190	2.66190	-17.56000
4.500	-9.944	15.64600	.00000	-4.88900	5.05500	.09041	55.00000	.00000	.16595	2.66600	-12.44400
4.500	-4.814	15.64600	.00000	-2.32390	2.48980	.09041	55.00000	.00000	.16595	2.66600	-7.31370
4.500	.037	15.64600	.00000	.09930	.06260	.08638	55.00000	.00000	.16190	2.66190	-2.46330
4.500	4.701	15.64600	.00000	2.43170	-2.26980	.09041	55.00000	.00000	.16190	2.66190	2.20150
4.500	9.168	15.64500	.00000	4.66670	-4.50080	.08638	55.00000	.00000	.16595	2.66600	6.66750
4.500	14.840	15.64500	.00000	7.50090	-7.33900	.09041	55.00000	.00000	.16190	2.66190	12.34000
4.500	GRADIENT	.00000	-.00000	.49979	-.50021	-.00001	-.00000	.00000	-.00043	-.00043	1.00000

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

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REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 590/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.067	17.64400	.00000	-7.45060	7.61660	.09041	55.00000	.00000	.16595	2.66600	-17.56700
4.500	-9.944	17.64400	.00000	-4.89310	5.05090	.08235	55.00000	.00000	.15785	2.65790	-12.44400
4.500	-4.810	17.64500	.00000	-2.32190	2.48790	.08638	55.00000	.00000	.16595	2.66600	-7.30980
4.500	.040	17.64300	.00000	.10288	.06307	.08638	55.00000	.00000	.16595	2.66600	-2.46020
4.500	4.701	17.64300	.00000	2.43370	-2.26780	.09041	55.00000	.00000	.16595	2.66600	2.20150
4.500	9.168	17.64300	.00000	4.66670	-4.50980	.08638	55.00000	.00000	.16595	2.66600	6.66750
4.500	14.844	17.64100	.00000	7.50320	-7.33820	.09041	55.00000	.00000	.16595	2.66600	12.34400
	GRADIENT	-.00021	.00000	.49999	-.50001	.00042	-.00000	.00000	.00000	-.00000	1.00000

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 589/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.067	19.64700	.00000	-7.45060	7.61660	.08638	55.00000	.00000	.16595	2.66600	-17.56700
4.500	-9.949	19.64600	.00000	-4.89150	5.05750	.08638	55.00000	.00000	.16595	2.66600	-12.44900
4.500	-4.817	19.64700	.00000	-2.32580	2.49170	.08638	55.00000	.00000	.16595	2.66600	-7.31750
4.500	.040	19.64500	.00000	.10288	.06307	.08638	55.00000	.00000	.16595	2.66600	-2.46020
4.500	4.701	19.64500	.00000	2.43370	-2.26780	.08638	55.00000	.00000	.16595	2.66600	2.20150
4.500	9.190	19.64300	.00000	4.67210	-4.51830	.06624	55.00000	.00000	.15380	2.65380	6.69040
4.500	14.849	19.64100	.00000	7.50740	-7.34150	.08638	55.00000	.00000	.16595	2.66600	12.34900
	GRADIENT	-.00021	.00000	.50000	-.50000	-.00000	-.00000	.00000	-.00000	-.00000	1.00000

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A251) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6200 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 588/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

MACH	ELV-PO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.063	21.6400	.0000	-7.44670	7.61670	.08638	55.00000	.00000	.17000	2.67000	-17.56300
4.500	-9.959	21.6400	.0000	-4.69950	5.06040	.08235	55.00000	.00000	.16190	2.66190	-12.45900
4.500	-4.817	21.6390	.0000	-2.32380	2.49380	.08638	55.00000	.00000	.17000	2.67000	-7.31750
4.500	.046	21.6380	.0000	.10600	.05995	.08235	55.00000	.00000	.16595	2.66600	-2.45400
4.500	4.698	21.6370	.0000	2.43220	-2.26630	.08235	55.00000	.00000	.16535	2.66600	2.19850
4.500	9.186	21.6360	.0000	4.66980	-4.51600	.06624	55.00000	.00000	.15380	2.65380	6.68580
4.500	14.649	21.6340	.0000	7.50740	-7.34150	.08235	55.00000	.00000	.16595	2.66600	12.34900
	GRADIENT	-.00021	.00000	.49979	-.50022	-.00043	-.00000	.00000	-.00043	-.00042	1.00000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6200 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 592/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

ALPHA = 16.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.096	15.64800	.0000	.08081	.07704	55.00000	.00000	.15785	-.00377	2.65790	-2.50380
4.500	-4.891	15.64700	.0000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50650
4.500	.074	15.64600	.0000	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
4.500	5.293	15.64500	.0000	.09271	.08583	55.00000	.00000	.17854	-.00689	2.67850	-2.50650
4.500	10.330	15.64300	.0000	.08642	.07953	55.00000	.00000	.16595	-.00689	2.66600	-2.50690
4.500	15.262	15.64100	.0000	.08595	.07595	55.00000	.00000	.16190	-.01000	2.66190	-2.51000
	GRADIENT	.00000	.00000	-.00074	-.00012	.00000	.00000	-.00085	.00063	-.00085	.00062

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A252) (24 JUN 80)

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A253) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 18.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 593/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.080	17.64500	.00000	.08804	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
4.500	-4.880	17.64400	.00000	.08960	.08894	55.00000	.00000	.17854	-.00066	2.67850	-2.50070
4.500	.062	17.64300	.00000	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
4.500	5.297	17.64000	.00000	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
4.500	10.334	17.63800	.00000	.08844	.08156	55.00000	.00000	.17000	-.00689	2.67000	-2.50690
4.500	15.248	17.63400	.00000	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
	GRADIENT	-.00020	-.00000	-.00043	-.00043	.00000	.00000	-.00086	.00000	-.00085	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A254) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 594/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BOFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.068	19.66300	.00000	.09173	.09107	55.00000	.00000	.18281	-.00066	2.68280	-2.50070
4.500	-4.869	19.66200	.00000	.08649	.09205	55.00000	.00000	.17854	.00557	2.67850	-2.49440
4.500	.066	19.66100	.00000	.08435	.08992	55.00000	.00000	.17427	.00557	2.67430	-2.49440
4.500	5.301	19.65800	.00000	.08960	.08894	55.00000	.00000	.17854	-.00066	2.67850	-2.50070
4.500	10.318	19.65500	.00000	.09058	.08369	55.00000	.00000	.17427	-.00689	2.67430	-2.50690
4.500	15.271	19.65200	.00000	.08689	.08311	55.00000	.00000	.17000	-.00377	2.67000	-2.50380
	GRADIENT	-.00020	.00000	-.00043	-.00043	.00000	.00000	-.00087	.00000	-.00085	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A255) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 595/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.096	21.65000	.00000	.09173	.09107	55.00000	.00000	.18281	-.00066	2.68280	-2.50070
4.500	-4.876	21.64900	.00000	.08960	.08894	55.00000	.00000	.17854	-.00066	2.67850	-2.50070
4.500	.066	21.64800	.00000	.08804	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
4.500	5.272	21.64600	.00000	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
4.500	10.330	21.64200	.00000	.08533	.08467	55.00000	.00000	.17000	-.00066	2.67000	-2.50070
4.500	15.262	21.63700	.00000	.08533	.08467	55.00000	.00000	.17000	-.00066	2.67000	-2.50070
	GRADIENT	-.00020	.00000	-.00031	.00031	.00000	.00000	.00000	.00063	.00000	.00063

PARAMETRIC DATA

ALPHA = 22.000 BETA = .000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A256) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 599/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.088	15.65100	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	-4.884	15.65000	1.99670	.08747	.08680	55.00000	.00000	.17427	-.00065	2.67430	-2.50070
4.500	.054	15.64800	1.98670	.08902	.08525	55.00000	.00000	.17427	-.00377	2.67430	-2.50380
4.500	5.297	15.64600	1.98670	.09116	.08738	55.00000	.00000	.17854	-.00377	2.67850	-2.50380
4.500	10.334	15.64500	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	15.252	15.64100	1.98670	.08279	.09147	55.00000	.00000	.17427	-.00868	2.67430	-2.49130
	GRADIENT	-.00040	-.00000	.00032	-.00032	.00000	.00000	-.00000	-.00063	.00000	-.00063

PARAMETRIC DATA

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A258) (24 JUN 80)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 598/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.100	17.65400	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	-4.891	17.65200	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	.066	17.65200	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	5.293	17.64900	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	10.318	17.64800	1.98670	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
4.500	15.271	17.64300	1.98670	.08222	.08778	55.00000	.00000	.17000	.00557	2.67000	-2.49440
	GRADIENT	.00000	.00000	.00000	.00000	-.00000	.00000	-.00000	-.00000	.00000	.00000

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 597/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.084	19.65100	1.98670	.08804	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
4.500	-4.876	19.65000	1.98670	.08706	.09574	55.00000	.00000	.18281	.00868	2.68280	-2.49130
4.500	.058	19.64800	1.98670	.08804	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
4.500	5.276	19.64600	1.98670	.08591	.08836	55.00000	.00000	.17427	.00245	2.67430	-2.49750
4.500	10.318	19.64300	1.98670	.08222	.08778	55.00000	.00000	.17000	.00557	2.67000	-2.49440
4.500	15.248	19.63900	1.98670	.08435	.08992	55.00000	.00000	.17427	.00557	2.67430	-2.49440
	GRADIENT	-.00041	.00000	.00020	-.00106	.00000	.00000	-.00087	-.00126	-.00087	-.00126

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A259) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 596/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BDFLAP	ALPHA	BETA	AILRON	ELEVON	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-10.072	21.65200	1.98670	.08182	.09672	55.00000	.00000	.17854	.01491	2.67850	-2.48510
4.500	-4.827	21.65000	1.98670	.08493	.09361	55.00000	.00000	.17854	.00868	2.67850	-2.49130
4.500	.050	21.64900	1.98670	.08804	.09050	55.00000	.00000	.17854	.00245	2.67850	-2.49750
4.500	5.276	21.64600	1.98670	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
4.500	10.330	21.64300	1.98670	.08747	.08680	55.00000	.00000	.17427	-.00066	2.67430	-2.50070
4.500	15.257	21.63800	1.98670	.08222	.08778	55.00000	.00000	.17000	.00557	2.67000	-2.49440
	GRADIENT	-.00020	.00000	.00063	-.00063	.00000	.00000	.00000	-.00126	.00000	-.00126

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A260) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 16.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 583/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.087	15.63500	1.98670	-9.54530	-9.54150	.09041	55.00000	.00000	-.00377	-16.58700	-2.50380
4.500	-14.929	15.63500	1.98670	-7.46810	-7.46130	.09443	55.00000	.00000	-.00689	-12.42900	-2.50690
4.500	-9.951	15.63600	1.98670	-4.97720	-4.97340	.09041	55.00000	.00000	-.00377	-7.45050	-2.50380
4.500	-4.879	15.63600	1.98670	-2.44160	-2.43780	.08638	55.00000	.00000	-.00377	-2.37940	-2.50380
4.500	.208	15.63600	1.98670	.10233	.10610	.09443	55.00000	.00000	-.00377	2.70840	-2.50380
4.500	5.390	15.63700	1.98670	2.68720	2.70240	.09443	55.00000	.00000	-.01517	7.88960	-2.51520
4.500	10.846	15.63800	1.98670	5.41300	5.43330	.09041	55.00000	.00000	-.02035	13.34600	-2.52030
4.500	15.796	15.63800	1.98670	7.68780	7.89780	.09443	55.00000	.00000	-.01000	18.28600	-2.51000
	GRADIENT	.00000	-.00000	.50000	.50000	.00158	.00000	.00000	.00000	.99999	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A261) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 582 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.087	17.6600	1.98670	-9.54530	-9.54150	.09041	55.00000	.00000	-.00377	-16.58700	-2.50380
4.500	-14.933	17.66100	1.98670	-7.46850	-7.46470	.09443	55.00000	.00000	-.00377	-12.43300	-2.50380
4.500	-9.954	17.66100	1.98670	-4.97910	-4.97540	.09041	55.00000	.00000	-.00377	-7.44540	-2.50380
4.500	-4.884	17.66100	1.98670	-2.44380	-2.44000	.09443	55.00000	.00000	-.00377	-2.38380	-2.50380
4.500	.217	17.66200	1.98670	.10660	.11037	.09443	55.00000	.00000	-.00377	2.71700	-2.50380
4.500	5.394	17.66300	1.98670	2.68920	2.70440	.09041	55.00000	.00000	-.01517	7.89370	-2.51520
4.500	10.820	17.66300	1.98670	5.40640	5.41320	.09041	55.00000	.00000	-.00689	13.32000	-2.50690
4.500	15.786	17.66400	1.98670	7.88780	7.89780	.09041	55.00000	.00000	-.01000	18.28600	-2.51000
	GRADIENT	.00020	.00000	.50000	.50000	.00000	-.00000	.00000	.00000	1.00001	.00000

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A262) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 581 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ELV-LO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-RO	ELV-LI	ELV-RI
4.500	-19.087	19.63700	1.98670	-9.54680	-9.53990	.09041	55.00000	.00000	-.00689	-16.58700	-2.50690
4.500	-14.933	19.63700	1.98670	-7.46810	-7.46130	.09041	55.00000	.00000	-.00689	-12.42900	-2.50690
4.500	-9.943	19.63800	1.98670	-4.97630	-4.96630	.09443	55.00000	.00000	-.01000	-7.44260	-2.51000
4.500	-4.884	19.63800	1.98670	-2.44530	-2.43840	.09041	55.00000	.00000	-.00689	-2.38380	-2.50690
4.500	.213	19.63800	1.98670	.10135	.11135	.09041	55.00000	.00000	-.01000	2.71270	-2.51000
4.500	5.390	19.63800	1.98670	2.68720	2.70240	.09041	55.00000	.00000	-.01517	7.88960	-2.51520
4.500	10.823	19.63800	1.98670	5.40410	5.41930	.09041	55.00000	.00000	-.01517	13.32300	-2.51520
4.500	15.786	19.63800	1.98670	7.88780	7.89780	.09443	55.00000	.00000	-.01000	18.28600	-2.51000
	GRADIENT	-.00000	.00000	.49969	.50030	.00000	-.00000	.00000	-.00061	1.00000	-.00061

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A265) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 585/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.067	17.6380	1.98570	-7.44860	7.61860	.09041	55.00000	.00000	.17000	2.67000	-17.56700
4.500	-9.944	17.6380	1.98670	-4.88700	5.05700	.09443	55.00000	.00000	.17000	2.67000	-12.44400
4.500	-4.802	17.63900	1.98670	-2.31600	2.48600	.09443	55.00000	.00000	.17000	2.67000	-7.30200
4.500	.046	17.63900	1.98670	.11016	.06411	.09443	55.00000	.00000	.17427	2.67430	-2.45400
4.500	4.633	17.63900	1.98670	2.43340	-2.25920	.09443	55.00000	.00000	.17427	2.67430	2.19260
4.500	9.163	17.64000	1.98670	4.66640	-4.49640	.09443	55.00000	.00000	.17000	2.67000	6.66290
4.500	14.853	17.63900	1.98670	7.51380	-7.33950	.07832	55.00000	.00000	.17427	2.67430	12.35300
	GRADIENT	-.00000	.00000	.50022	-.49978	.00000	.00000	.00000	.00045	.00046	1.00000

PARAMETRIC DATA

ALPHA = 18.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 585/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.067	19.65600	1.98670	-7.45060	7.61660	.09443	55.00000	.00000	.16595	2.66600	-17.56700
4.500	-9.949	19.65700	1.98670	-4.89150	5.05750	.09846	55.00000	.00000	.16595	2.66600	-12.44900
4.500	-4.810	19.65600	1.98670	-2.31930	2.48990	.09946	55.00000	.00000	.17000	2.67000	-7.30980
4.500	.040	19.65600	1.98670	.10491	.06509	.09846	55.00000	.00000	.17000	2.67000	-2.46020
4.500	4.638	19.65700	1.98670	2.43430	-2.26430	.09041	55.00000	.00000	.17000	2.67000	2.19850
4.500	9.181	19.65600	1.98670	4.67560	-4.50360	.09443	55.00000	.00000	.17000	2.67000	6.68120
4.500	14.853	19.65600	1.98670	7.50970	-7.34370	.09041	55.00000	.00000	.16595	2.66600	12.35300
	GRADIENT	.00010	.00000	.50001	-.50001	-.00084	-.00000	.00000	-.00000	-.00000	1.00000

PARAMETRIC DATA

ALPHA = 20.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A266) (24 JUN 80)

(27 267: (24 JUN 80)

LAI31,MODEL 106-0, SILTS CN, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

ALPHA = 22.000 BETA = 2.000
 E-LORI = 2.500 E-LIRO = .000
 ELEVON = 1.250 AILRON = .000
 BDFLAP = .000 SPDBRK = 55.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 587 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ELV-RO	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
4.500	-15.060	21.64200	1.98670	-7.44690	7.61290	.09443	55.00000	.00000	.16595	2.66600	-17.56000
4.500	-9.949	21.64200	1.98670	-4.89150	5.05750	.09443	55.00000	.00000	.16595	2.66600	-12.44900
4.500	-4.817	21.64100	1.98670	-2.32380	2.49380	.09443	55.00000	.00000	.17000	2.67000	-7.31750
4.500	.040	21.64100	1.98670	.10491	.06509	.09041	55.00000	.00000	.17000	2.67000	-2.46020
4.500	4.696	21.64100	1.98670	2.43080	-2.26480	.09041	55.00000	.00000	.16595	2.66600	2.19560
4.500	9.163	21.64100	1.98670	4.66440	-4.49850	.08638	55.00000	.00000	.16595	2.66600	6.66290
4.500	14.858	21.63900	1.98670	7.51610	-7.34180	.09041	55.00000	.00000	.17427	2.67430	12.35800
	GRADIENT	-.00000	-.00000	.49980	-.50021	-.00043	-.00000	.00000	-.00042	-.00042	1.00000

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REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 601 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.465	.00000	.00647	-.01467	-11.75600	70.00000	.00000	-.00820	.02113	-.00820	.02113
2.500	-.481	.00000	.00803	-.01622	-11.75600	70.00000	.00000	-.00820	.02425	-.00820	.02425
2.500	1.559	.00000	.00600	-.01825	-11.76400	70.00000	.00000	-.01225	.02425	-.01225	.02425
2.500	3.583	.00000	.00444	-.01669	-11.76000	70.00000	.00000	-.01225	.02113	-.01225	.02113
2.500	4.604	.00000	.00553	-.02183	-11.75200	70.00000	.00000	-.01630	.02736	-.01630	.02736
2.500	5.561	.00000	.00600	-.01825	-11.74800	70.00000	.00000	-.01225	.02425	-.01225	.02425
2.500	7.602	.00000	.00242	-.01872	-11.74800	70.00000	.00000	-.01630	.02113	-.01630	.02113
2.500	9.635	.00000	.00600	-.01825	-11.75200	70.00000	.00000	-.01225	.02425	-.01225	.02425
2.500	11.609	.00000	-.00069	-.01560	-11.75200	70.00000	.00000	-.01630	.01491	-.01630	.01491
2.500	12.555	.00000	-.00225	-.01404	-11.75600	70.00000	.00000	-.01630	.01179	-.01630	.01179
2.500	13.618	.00000	-.00069	-.01560	-11.75600	70.00000	.00000	-.01630	.01491	-.01630	.01491
2.500	14.629	.00000	-.00069	-.01560	-11.75600	70.00000	.00000	-.01630	.01491	-.01630	.01491
2.500	15.556	.00000	-.00428	-.01607	-11.76000	70.00000	.00000	-.02035	.01179	-.02035	.01179
2.500	16.633	.00000	-.00474	-.01965	-11.76400	70.00000	.00000	-.02439	.01491	-.02439	.01491
2.500	17.549	.00000	-.00319	-.02121	-11.75600	70.00000	.00000	-.02439	.01802	-.02439	.01802
2.500	19.613	.00000	-.00521	-.02323	-11.76800	70.00000	.00000	-.02845	.01802	-.02845	.01802
2.500	23.623	.00000	-.01611	-.01234	-11.77600	70.00000	.00000	-.02845	.00377	-.02845	.00377
2.500	24.614	.00000	-.01300	-.01545	-11.77200	70.00000	.00000	-.02845	.00245	-.02845	.00245
2.500	27.616	.00000	-.01346	-.01903	-11.78000	70.00000	.00000	-.03249	.00557	-.03249	.00557
2.500	31.630	.00000	-.01813	-.01436	-11.78800	70.00000	.00000	-.03249	.00377	-.03249	.00377
2.500	GRADIENT	.00000	-.00031	-.00076	.00007	.00000	.00000	-.00108	.00045	-.00108	.00045

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = -11.700
 SPOBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 603/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
3.500	-2.380	.00000	.01363	-.01373	-11.76400	70.00000	.00000	-.00010	-.00010	.02736	-.00010	.02736
3.500	-.359	.00000	.01675	-.01684	-11.79200	70.00000	.00000	-.00010	-.00010	.03359	-.00010	.03359
3.500	1.646	.00000	.01877	-.01482	-11.79600	70.00000	.00000	.00395	.00395	.03359	.00395	.03359
3.500	3.653	.00000	.02080	-.01279	-11.80800	70.00000	.00000	.00800	.00800	.03047	.00800	.03047
3.500	4.655	.00000	.01721	-.01326	-11.79600	70.00000	.00000	.00395	.00395	.03047	.00395	.03047
3.500	5.658	.00000	.02080	-.01279	-11.79200	70.00000	.00000	.00800	.00800	.03359	.00800	.03359
3.500	7.654	.00000	.01519	-.01528	-11.80000	70.00000	.00000	-.00010	-.00010	.03047	-.00010	.03047
3.500	9.655	.00000	.01924	-.01123	-11.81700	70.00000	.00000	.00800	.00800	.03047	.00800	.03047
3.500	11.632	.00000	.01721	-.01326	-11.81700	70.00000	.00000	.00395	.00395	.03047	.00395	.03047
3.500	12.641	.00000	.01566	-.01170	-11.81300	70.00000	.00000	.00395	.00395	.02736	.00395	.02736
3.500	13.642	.00000	.01410	-.01015	-11.81700	70.00000	.00000	.00395	.00395	.02425	.00395	.02425
3.500	14.656	.00000	.01099	-.00703	-11.82500	70.00000	.00000	.00395	.00395	.01802	.00395	.01802
3.500	15.648	.00000	.01208	-.01217	-11.80400	70.00000	.00000	-.00010	-.00010	.02425	-.00010	.02425
3.500	16.642	.00000	.01005	-.01420	-11.82100	70.00000	.00000	-.00415	-.00415	.02425	-.00415	.02425
3.500	17.645	.00000	.01052	-.01062	-11.82500	70.00000	.00000	-.00010	-.00010	.02113	-.00010	.02113
3.500	19.643	.00000	.00694	-.01108	-11.81700	70.00000	.00000	-.00415	-.00415	.01802	-.00415	.01802
3.500	23.664	.00000	.00538	-.00953	-11.82500	70.00000	.00000	-.00415	-.00415	.01491	-.00415	.01491
3.500	24.648	.00000	.00694	-.01108	-11.83700	70.00000	.00000	-.00415	-.00415	.01802	-.00415	.01802
3.500	27.662	.00000	.00491	-.01311	-11.83700	70.00000	.00000	-.00820	-.00820	.01802	-.00820	.01802
3.500	31.662	.00000	.00133	-.01358	-11.84100	70.00000	.00000	-.01225	-.01225	.01491	-.01225	.01491
3.500	GRADIENT	.00000	.00069	.00027	-.00471	.00000	.00000	.00096	.00096	.00042	.00096	.00042

REFERENCE DATA
 SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 614/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILLRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.331	.00000	.01316	-.01731	-11.75200	70.00000	.00000	-.00415	.03047	-.00415	.03047
4.500	-3.368	.00000	.01316	-.01731	-11.75200	70.00000	.00000	-.00415	.03047	-.00415	.03047
4.500	1.616	.00000	.01316	-.01731	-11.75200	70.00000	.00000	-.00415	.03047	-.00415	.03047
4.500	3.668	.00000	.01316	-.01731	-11.74800	70.00000	.00000	-.00415	.03047	-.00415	.03047
4.500	4.640	.00000	.01161	-.01575	-11.74800	70.00000	.00000	-.00820	.02736	-.00415	.02736
4.500	5.651	.00000	.00958	-.01778	-11.75600	70.00000	.00000	-.00415	.02736	-.00415	.02736
4.500	7.673	.00000	.01161	-.01575	-11.75600	70.00000	.00000	-.00820	.02736	-.00820	.02736
4.500	9.628	.00000	.00958	-.01778	-11.75600	70.00000	.00000	-.00820	.03047	-.00820	.03047
4.500	11.657	.00000	.01114	-.01934	-11.76000	70.00000	.00000	-.00820	.02736	-.00415	.02736
4.500	12.627	.00000	.01161	-.01575	-11.75600	70.00000	.00000	-.00820	.03047	-.00820	.03047
4.500	13.613	.00000	.01114	-.01934	-11.75600	70.00000	.00000	-.01225	.02425	-.01225	.02425
4.500	14.643	.00000	.00600	-.01825	-11.74400	70.00000	.00000	-.00820	.03047	-.00820	.03047
4.500	15.641	.00000	.01114	-.01934	-11.75600	70.00000	.00000	-.00820	.02736	-.00820	.02736
4.500	16.621	.00000	.00958	-.01778	-11.75600	70.00000	.00000	-.00820	.03047	-.00820	.03047
4.500	17.619	.00000	.01114	-.01934	-11.76400	70.00000	.00000	-.00820	.03359	-.00820	.03359
4.500	19.618	.00000	.01270	-.02089	-11.76000	70.00000	.00000	-.01225	.02736	-.01225	.02736
4.500	23.639	.00000	.00756	-.01980	-11.76000	70.00000	.00000	-.01225	.02736	-.01225	.02736
4.500	24.595	.00000	.00756	-.01980	-11.76000	70.00000	.00000	-.01225	.02425	-.01225	.02425
4.500	27.663	.00000	.00600	-.01825	-11.76400	70.00000	.00000	-.01630	.02113	-.01630	.02113
4.500	31.628	.00000	.00242	-.01872	-11.76800	70.00000	.00000	-.00030	-.00030	-.00000	-.00030
4.500	GRADIENT	.00000	-.00015	.00015	.00066	.00000	.00000	.00000	-.00030	.00000	-.00030

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILLRON = .000 BDFLAP = -11.700
 SPOBRK = 70.000 RUDDER = .000

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 336.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELEVON = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = -11.700
 SPOBRK = 70.000 RUDDER = .000

RUN NO. 605/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.424	.00000	-5.04290	.01477	-11.82900	70.00000	.00000	-5.02810	-5.02810	-5.05770	-5.02810	-5.05770
2.500	-1.446	.00000	-5.03900	.01090	-11.82900	70.00000	.00000	-5.02810	-5.02810	-5.04990	-5.02810	-5.04990
2.500	1.548	.00000	-5.04290	.01477	-11.82900	70.00000	.00000	-5.02810	-5.02810	-5.05770	-5.02810	-5.05770
2.500	3.626	.00000	-5.04530	.00846	-11.84100	70.00000	.00000	-5.03690	-5.03690	-5.05380	-5.03690	-5.05380
2.500	4.526	.00000	-5.04480	.01671	-11.84100	70.00000	.00000	-5.02810	-5.02810	-5.06150	-5.02810	-5.06150
2.500	5.568	.00000	-5.04920	.01233	-11.84100	70.00000	.00000	-5.03690	-5.03690	-5.06150	-5.03690	-5.06150
2.500	7.533	.00000	-5.05110	.01427	-11.84500	70.00000	.00000	-5.03690	-5.03690	-5.06540	-5.03690	-5.06540
2.500	9.627	.00000	-5.05720	.01595	-11.82900	70.00000	.00000	-5.04130	-5.04130	-5.07320	-5.04130	-5.07320
2.500	11.581	.00000	-5.06520	.01958	-11.82900	70.00000	.00000	-5.04560	-5.04560	-5.08480	-5.04560	-5.08480
2.500	12.542	.00000	-5.06550	.01545	-11.83300	70.00000	.00000	-5.05000	-5.05000	-5.08090	-5.05000	-5.08090
2.500	13.549	.00000	-5.06300	.02176	-11.83300	70.00000	.00000	-5.04130	-5.04130	-5.08480	-5.04130	-5.08480
2.500	14.556	.00000	-5.06740	.01739	-11.83300	70.00000	.00000	-5.05000	-5.05000	-5.08480	-5.05000	-5.08480
2.500	15.552	.00000	-5.07510	.02513	-11.82900	70.00000	.00000	-5.05000	-5.05000	-5.10030	-5.05000	-5.10030
2.500	16.567	.00000	-5.06930	.01932	-11.83300	70.00000	.00000	-5.05000	-5.05000	-5.08860	-5.05000	-5.08860
2.500	17.552	.00000	-5.06300	.02176	-11.82500	70.00000	.00000	-5.04130	-5.04130	-5.08480	-5.04130	-5.08480
2.500	19.572	.00000	-5.06330	.01764	-11.83300	70.00000	.00000	-5.04560	-5.04560	-5.08090	-5.04560	-5.08090
2.500	23.535	.00000	-5.07100	.02538	-11.83300	70.00000	.00000	-5.04560	-5.04560	-5.09640	-5.04560	-5.09640
2.500	24.562	.00000	-5.07320	.02320	-11.83300	70.00000	.00000	-5.05000	-5.05000	-5.09640	-5.05000	-5.09640
2.500	27.515	.00000	-5.07130	.02126	-11.83700	70.00000	.00000	-5.05000	-5.05000	-5.09250	-5.05000	-5.09250
2.500	31.654	.00000	-5.06740	.01739	-11.83300	70.00000	.00000	-5.05000	-5.05000	-5.08480	-5.05000	-5.08480
2.500	GRADIENT	.00000	-0.00056	-0.00003	-0.00198	.00000	.00000	-0.00061	-0.00061	-0.00053	-0.00061	-0.00053

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

RUN NO. 609/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = -11.700
 SPOBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
3.500	-2.436	.00000	-5.04070	.01696	-11.81700	70.00000	.00000	-5.02390	-5.02380	-5.05770	-5.02380	-5.05770
3.500	-.361	.00000	-5.04260	.01889	-11.81700	70.00000	.00000	-5.02380	-5.02380	-5.06150	-5.02380	-5.06150
3.500	1.681	.00000	-5.04260	.01889	-11.81700	70.00000	.00000	-5.02380	-5.02380	-5.06150	-5.02380	-5.06150
3.500	3.636	.00000	-5.04070	.01696	-11.81700	70.00000	.00000	-5.02380	-5.02380	-5.05770	-5.02380	-5.05770
3.500	4.723	.00000	-5.03850	.01914	-11.81700	70.00000	.00000	-5.01940	-5.01940	-5.05770	-5.01940	-5.05770
3.500	5.635	.00000	-5.04480	.01671	-11.82100	70.00000	.00000	-5.02810	-5.02810	-5.06150	-5.02810	-5.06150
3.500	7.658	.00000	-5.04430	.02495	-11.81300	70.00000	.00000	-5.01940	-5.01940	-5.06930	-5.01940	-5.06930
3.500	9.627	.00000	-5.04210	.02714	-11.80800	70.00000	.00000	-5.01500	-5.01500	-5.06930	-5.01500	-5.06930
3.500	11.702	.00000	-5.04850	.02470	-11.81300	70.00000	.00000	-5.02380	-5.02380	-5.07320	-5.02380	-5.07320
3.500	12.663	.00000	-5.04460	.02083	-11.80800	70.00000	.00000	-5.02380	-5.02380	-5.06540	-5.02380	-5.06540
3.500	13.610	.00000	-5.05040	.02664	-11.81300	70.00000	.00000	-5.02380	-5.02380	-5.07700	-5.02380	-5.07700
3.500	14.603	.00000	-5.04650	.02277	-11.80400	70.00000	.00000	-5.02380	-5.02380	-5.06930	-5.02380	-5.06930
3.500	15.648	.00000	-5.05040	.02664	-11.81300	70.00000	.00000	-5.02380	-5.02380	-5.07700	-5.02380	-5.07700
3.500	16.627	.00000	-5.04850	.02470	-11.81300	70.00000	.00000	-5.02380	-5.02380	-5.07700	-5.02380	-5.07700
3.500	17.598	.00000	-5.04820	.02883	-11.81300	70.00000	.00000	-5.01940	-5.01940	-5.07700	-5.01940	-5.07700
3.500	19.621	.00000	-5.05670	.02420	-11.81300	70.00000	.00000	-5.03250	-5.03250	-5.08090	-5.03250	-5.08090
3.500	23.628	.00000	-5.06060	.02807	-11.81700	70.00000	.00000	-5.03250	-5.03250	-5.08860	-5.03250	-5.08860
3.500	24.636	.00000	-5.05430	.03051	-11.81300	70.00000	.00000	-5.02380	-5.02380	-5.08480	-5.02380	-5.08480
3.500	27.680	.00000	-5.05060	.02807	-11.82100	70.00000	.00000	-5.02380	-5.02380	-5.08860	-5.02380	-5.08860
3.500	31.644	.00000	-5.05860	.02614	-11.82100	70.00000	.00000	-5.03250	-5.03250	-5.08480	-5.03250	-5.08480
3.500	GRADIENT	.00000	.00030	.00012	-.00000	-.00000	.00000	.00042	.00042	.00018	.00042	.00018

ORIGINAL PAGE IS
 OF POOR QUALITY

(27A269) (24 JUN 80)

LAI31, MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AIRLRN = .000 BDFLAP = -11.700
 SPOBRK = 70.000 RUDDER = .000

MACH	ALPHA	BETA	ELEVON	AIRLRN	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.383	.00000	-5.02860	.01359	-11.75200	70.00000	.00000	-5.01500	-5.04220	-5.01500	-5.04220
4.500	-1.342	.00000	-5.03030	.01965	-11.75200	70.00000	.00000	-5.01060	-5.04990	-5.01060	-5.04990
4.500	1.485	.00000	-5.02450	.01384	-11.75200	70.00000	.00000	-5.01060	-5.03830	-5.01060	-5.03830
4.500	3.665	.00000	-5.02830	.01771	-11.75200	70.00000	.00000	-5.01060	-5.04600	-5.01060	-5.04600
4.500	4.716	.00000	-5.03030	.01365	-11.75200	70.00000	.00000	-5.01060	-5.04990	-5.01060	-5.04990
4.500	5.704	.00000	-5.03270	.01334	-11.75200	70.00000	.00000	-5.01940	-5.04600	-5.01940	-5.04600
4.500	7.660	.00000	-5.03270	.01334	-11.75200	70.00000	.00000	-5.01500	-5.04600	-5.01500	-5.04600
4.500	9.626	.00000	-5.03050	.01552	-11.75600	70.00000	.00000	-5.01500	-5.04600	-5.01500	-5.04600
4.500	11.654	.00000	-5.03050	.01552	-11.75600	70.00000	.00000	-5.01940	-5.04990	-5.01940	-5.04990
4.500	12.654	.00000	-5.03450	.01327	-11.75600	70.00000	.00000	-5.01940	-5.04600	-5.01940	-5.04600
4.500	13.671	.00000	-5.03270	.01334	-11.75600	70.00000	.00000	-5.01500	-5.04600	-5.01500	-5.04600
4.500	14.617	.00000	-5.03050	.01552	-11.75200	70.00000	.00000	-5.01500	-5.04600	-5.01500	-5.04600
4.500	15.589	.00000	-5.03050	.01552	-11.75600	70.00000	.00000	-5.01940	-5.04600	-5.01940	-5.04600
4.500	16.590	.00000	-5.03270	.01334	-11.75600	70.00000	.00000	-5.01500	-5.04600	-5.01500	-5.04600
4.500	17.625	.00000	-5.03650	.01552	-11.75600	70.00000	.00000	-5.01500	-5.04600	-5.01500	-5.04600
4.500	19.539	.00000	-5.03460	.01527	-11.75600	70.00000	.00000	-5.01940	-5.04990	-5.01940	-5.04990
4.500	23.639	.00000	-5.03510	.00702	-11.76000	70.00000	.00000	-5.02810	-5.04220	-5.02810	-5.04220
4.500	24.629	.00000	-5.03710	.00896	-11.76000	70.00000	.00000	-5.02810	-5.04600	-5.02810	-5.04600
4.500	27.611	.00000	-5.03660	.01308	-11.76000	70.00000	.00000	-5.02380	-5.04990	-5.02380	-5.04990
4.500	31.667	.00000	-5.04260	.01889	-11.76400	70.00000	.00000	-5.02380	-5.06150	-5.02380	-5.06150
4.500	GRADIENT	-.00000	-.00000	.00055	.00000	.00000	.00000	.00050	-.00060	.00050	-.00060

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 6037 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI	ELV-RO
2.500	-2.450	.00000	5.03100	-.02827	-11.75600	70.00000	.00000	5.00270	5.00270	5.05930	5.00270	5.05930	5.05930
2.500	-1.909	.00000	5.02900	-.03028	-11.73900	70.00000	.00000	4.99870	4.99870	5.05930	4.99870	5.05930	5.05930
2.500	-1.414	.00000	5.02750	-.02880	-11.73900	70.00000	.00000	4.99870	4.99870	5.05930	4.99870	5.05930	5.05930
2.500	1.573	.00000	5.03300	-.02625	-11.76800	70.00000	.00000	5.00680	5.00680	5.05930	5.00680	5.05930	5.05930
2.500	3.591	.00000	5.02950	-.02679	-11.76800	70.00000	.00000	5.00270	5.00270	5.05930	5.00270	5.05930	5.05930
2.500	4.583	.00000	5.03010	-.02329	-11.76800	70.00000	.00000	5.00680	5.00680	5.05330	5.00680	5.05330	5.05330
2.500	5.617	.00000	5.02800	-.02531	-11.77200	70.00000	.00000	5.00270	5.00270	5.05330	5.00270	5.05330	5.05330
2.500	7.557	.00000	5.02710	-.02034	-11.77200	70.00000	.00000	5.00680	5.00680	5.04740	5.00680	5.04740	5.04740
2.500	9.557	.00000	5.02410	-.01738	-11.77600	70.00000	.00000	5.00680	5.00680	5.04150	5.00680	5.04150	5.04150
2.500	11.616	.00000	5.02710	-.02034	-11.80000	70.00000	.00000	5.00680	5.00680	5.04740	5.00680	5.04740	5.04740
2.500	12.567	.00000	5.02360	-.02087	-11.80000	70.00000	.00000	5.00270	5.00270	5.04450	5.00270	5.04450	5.04450
2.500	13.544	.00000	5.02360	-.02087	-11.75200	70.00000	.00000	5.00270	5.00270	5.04450	5.00270	5.04450	5.04450
2.500	14.551	.00000	5.02410	-.01738	-11.76800	70.00000	.00000	5.00680	5.00680	5.04150	5.00680	5.04150	5.04150
2.500	15.540	.00000	5.02270	-.01590	-11.77600	70.00000	.00000	5.00680	5.00680	5.03860	5.00680	5.03860	5.03860
2.500	16.563	.00000	5.01660	-.02195	-11.79200	70.00000	.00000	4.99470	4.99470	5.03860	4.99470	5.03860	5.03860
2.500	17.559	.00000	5.01960	-.02490	-11.77600	70.00000	.00000	4.99470	4.99470	5.04450	4.99470	5.04450	5.04450
2.500	19.571	.00000	5.01860	-.01993	-11.76800	70.00000	.00000	4.99870	4.99870	5.03860	4.99870	5.03860	5.03860
2.500	22.635	.00000	5.01720	-.01845	-11.77200	70.00000	.00000	4.99870	4.99870	5.03560	4.99870	5.03560	5.03560
2.500	23.554	.00000	5.01660	-.02195	-11.77200	70.00000	.00000	4.99470	4.99470	5.03860	4.99470	5.03860	5.03860
2.500	24.598	.00000	5.01370	-.01899	-11.77200	70.00000	.00000	4.99470	4.99470	5.03260	4.99470	5.03260	5.03260
2.500	27.549	.00000	5.01610	-.02544	-11.75600	70.00000	.00000	4.99060	4.99060	5.04150	4.99060	5.04150	5.04150
2.500	31.578	.00000	5.00410	-.02557	-11.78000	70.00000	.00000	4.97850	4.97850	5.02970	4.97850	5.02970	5.02970
	GRADIENT	.00000	.00007	.00073	-.00367	.00000	.00000	.00081	.00081	-.00067	.00081	-.00067	-.00067

DATE 25 JUN 80

LAI31 (LARC UPWT 1299)

PAISE 690

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A270) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = -11.700 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 612/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-RI
3.500	-2.355	.00000	5.03800	-.02719	-11.80800	70.00000	.00000	5.01080	5.01080	5.06520	5.06520
3.500	-3.309	.00000	5.03600	-.02921	-11.82500	70.00000	.00000	5.00680	5.00680	5.06520	5.06520
3.500	1.597	.00000	5.03500	-.02423	-11.81700	70.00000	.00000	5.01080	5.01080	5.05930	5.05930
3.500	3.700	.00000	5.03560	-.02074	-11.82100	70.00000	.00000	5.01480	5.01480	5.05630	5.05630
3.500	4.705	.00000	5.03410	-.01926	-11.82100	70.00000	.00000	5.01480	5.01480	5.05330	5.05330
3.500	5.624	.00000	5.02910	-.01832	-11.82100	70.00000	.00000	5.01080	5.01080	5.04740	5.04740
3.500	7.666	.00000	5.03110	-.01631	-11.81300	70.00000	.00000	5.01480	5.01480	5.04740	5.04740
3.500	9.615	.00000	5.03060	-.01980	-11.81700	70.00000	.00000	5.01080	5.01080	5.05040	5.05040
3.500	11.668	.00000	5.02760	-.01684	-11.82100	70.00000	.00000	5.01080	5.01080	5.04450	5.04450
3.500	12.659	.00000	5.02470	-.01389	-11.82100	70.00000	.00000	5.01080	5.01080	5.03860	5.03860
3.500	13.671	.00000	5.02670	-.01187	-11.80800	70.00000	.00000	5.01480	5.01480	5.03860	5.03860
3.500	14.641	.00000	5.02670	-.01187	-11.82500	70.00000	.00000	5.01480	5.01480	5.03860	5.03860
3.500	15.616	.00000	5.02760	-.01684	-11.82100	70.00000	.00000	5.01080	5.01080	5.04450	5.04450
3.500	16.635	.00000	5.03060	-.01980	-11.82100	70.00000	.00000	5.01080	5.01080	5.05040	5.05040
3.500	17.670	.00000	5.02620	-.01536	-11.82900	70.00000	.00000	5.01080	5.01080	5.04150	5.04150
3.500	19.607	.00000	5.02760	-.01684	-11.83700	70.00000	.00000	5.01080	5.01080	5.04450	5.04450
3.500	23.655	.00000	5.02470	-.01389	-11.83700	70.00000	.00000	5.01080	5.01080	5.03860	5.03860
3.500	24.710	.00000	5.02470	-.01389	-11.84100	70.00000	.00000	5.01080	5.01080	5.03860	5.03860
3.500	27.704	.00000	5.02560	-.01886	-11.83700	70.00000	.00000	5.00680	5.00680	5.04450	5.04450
3.500	31.635	.00000	5.02210	-.01939	-11.83300	70.00000	.00000	5.00270	5.00270	5.04150	5.04150
3.500	GRADIENT	-.00000	-.00045	.00132	-.00127	-.00000	.00000	.00087	.00087	-.00178	-.00178

(27A270) (24 JUN 80)

LAI31 MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = -11.700
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 618/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
4.500	-2.384	.00000	5.03650	-.02571	-11.75600	70.00000	.00000	5.01080	5.01080	5.06220	5.01080	5.06220
4.500	-1.394	.00000	5.03800	-.02719	-11.75600	70.00000	.00000	5.01080	5.01080	5.06520	5.01080	5.06520
4.500	1.637	.00000	5.03500	-.02423	-11.75200	70.00000	.00000	5.01080	5.01080	5.05930	5.01080	5.05930
4.500	3.608	.00000	5.03650	-.02571	-11.75200	70.00000	.00000	5.01080	5.01080	5.06220	5.01080	5.06220
4.500	4.633	.00000	5.03450	-.02773	-11.75200	70.00000	.00000	5.00680	5.00680	5.06220	5.00680	5.06220
4.500	5.710	.00000	5.03450	-.02773	-11.75200	70.00000	.00000	5.00680	5.00680	5.06220	5.00680	5.06220
4.500	7.652	.00000	5.03300	-.02625	-11.75600	70.00000	.00000	5.00680	5.00680	5.05930	5.00680	5.05930
4.500	9.711	.00000	5.03350	-.02276	-11.76000	70.00000	.00000	5.01080	5.01080	5.05630	5.01080	5.05630
4.500	11.646	.00000	5.03500	-.02423	-11.76400	70.00000	.00000	5.01080	5.01080	5.05930	5.01080	5.05930
4.500	12.637	.00000	5.03500	-.02423	-11.76000	70.00000	.00000	5.01080	5.01080	5.05930	5.01080	5.05930
4.500	13.615	.00000	5.02860	-.02182	-11.76400	70.00000	.00000	5.00680	5.00680	5.05040	5.00680	5.05040
4.500	15.609	.00000	5.03060	-.01980	-11.75200	70.00000	.00000	5.01080	5.01080	5.05040	5.01080	5.05040
4.500	16.638	.00000	5.02710	-.02034	-11.76000	70.00000	.00000	5.00680	5.00680	5.04740	5.00680	5.04740
4.500	17.658	.00000	5.02710	-.02034	-11.75200	70.00000	.00000	5.00680	5.00680	5.04740	5.00680	5.04740
4.500	19.671	.00000	5.02710	-.01886	-11.76000	70.00000	.00000	5.00680	5.00680	5.04450	5.00680	5.04450
4.500	23.632	.00000	5.02560	-.02034	-11.77200	70.00000	.00000	5.00680	5.00680	5.04450	5.00680	5.04450
4.500	24.680	.00000	5.02710	-.02034	-11.77600	70.00000	.00000	5.00680	5.00680	5.04740	5.00680	5.04740
4.500	27.647	.00000	5.02410	-.01738	-11.77600	70.00000	.00000	5.00680	5.00680	5.04150	5.00680	5.04150
4.500	31.667	.00000	5.01620	-.01348	-11.78400	70.00000	.00000	5.00270	5.00270	5.02970	5.00270	5.02970
4.500	GRADIENT	.00000	-.00029	-.00011	.00068	-.00000	.00000	-.00039	-.00039	-.00018	-.00039	-.00018

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO BETA = .000 ELV-LO = .000
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO ELV-LI = .000 ELV-RI = .000
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO ELV-RO = .000 ELEVON = .000
 SCALE = .0200 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 502/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.500	-2.419	.00000	.00086	-.01716	.09041	70.00000	.00000	-.01630	.01802	-.01630	.01802
2.500	-4.458	.00000	.00086	-.01716	.09041	70.00000	.00000	-.01630	.01802	-.01630	.01802
2.500	1.592	.00000	-.00069	-.01560	.09041	70.00000	.00000	-.01630	.01491	-.01630	.01491
2.500	3.635	.00000	-.00069	-.01560	.09443	70.00000	.00000	-.01630	.01491	-.01630	.01491
2.500	4.611	.00000	-.00272	-.01763	.10651	70.00000	.00000	-.02035	.01491	-.02035	.01491
2.500	5.611	.00000	.00086	-.01716	.09041	70.00000	.00000	-.01630	.01802	-.01630	.01802
2.500	7.665	.00000	-.00272	-.01763	.08638	70.00000	.00000	-.02035	.01491	-.02035	.01491
2.500	9.615	.00000	-.00739	-.01296	.09041	70.00000	.00000	-.02035	.00557	-.02035	.00557
2.500	11.570	.00000	-.00786	-.01654	.08638	70.00000	.00000	-.02439	.00868	-.02439	.00868
2.500	12.553	.00000	-.00583	-.01451	.07832	70.00000	.00000	-.02035	.00868	-.02035	.00868
2.500	13.645	.00000	-.00583	-.01451	.07430	70.00000	.00000	-.02035	.00868	-.02035	.00868
2.500	14.566	.00000	-.00583	-.01451	.06624	70.00000	.00000	-.02035	.00868	-.02035	.00868
2.500	15.569	.00000	-.00895	-.01140	.06624	70.00000	.00000	-.02035	.00245	-.02035	.00245
2.500	16.634	.00000	-.01300	-.01545	.06624	70.00000	.00000	-.02845	.00245	-.02845	.00245
2.500	17.606	.00000	-.01408	-.01031	.07430	70.00000	.00000	-.02439	.00377	-.02439	.00377
2.500	19.751	.00000	-.01611	-.01234	.07430	70.00000	.00000	-.02845	.00377	-.02845	.00377
2.500	23.625	.00000	-.02901	-.00349	.05416	70.00000	.00000	-.03249	.02552	-.03249	.02552
2.500	24.596	.00000	-.02439	-.00405	.06624	70.00000	.00000	-.02845	.02035	-.02845	.02035
2.500	27.652	.00000	-.02181	-.00664	.06624	70.00000	.00000	-.02845	.01517	-.02845	.01517
2.500	31.704	.00000	-.02327	-.01327	.08638	70.00000	.00000	-.03655	.01000	-.03655	.01000
2.500	GRADIENT	.00000	-.00046	.00007	.00182	.00000	.00000	-.00039	-.00053	-.00039	-.00053

ORIGINAL PAGE IS
OF POOR QUALITY

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A271) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BOFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 619/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BOFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.960	-2.277	.00000	-.00879	-.02370	-.06363	70.00000	.00000	-.03249	.01491	-.03249	.01491
2.960	-2.277	.00000	-.00926	-.02728	-.06363	70.00000	.00000	-.03655	.01802	-.03655	.01802
2.960	1.846	.00000	-.00879	-.02370	-.05973	70.00000	.00000	-.03249	.01491	-.03249	.01491
2.960	3.778	.00000	-.01082	-.02573	-.05193	70.00000	.00000	-.03655	.01491	-.03655	.01491
2.960	4.780	.00000	-.00568	-.02681	-.04023	70.00000	.00000	-.03249	.02113	-.03249	.02113
2.960	5.766	.00000	-.00926	-.02728	-.03632	70.00000	.00000	-.03655	.01802	-.03655	.01802
2.960	7.829	.00000	-.00677	-.02168	-.03632	70.00000	.00000	-.02845	.01491	-.02845	.01491
2.960	9.809	.00000	-.00428	-.01607	-.03242	70.00000	.00000	-.02035	.01179	-.02035	.01179
2.960	11.795	.00000	-.00225	-.01404	-.03632	70.00000	.00000	-.01630	.01179	-.01630	.01179
2.960	12.755	.00000	.00133	-.01358	-.04023	70.00000	.00000	-.01225	.01491	-.01225	.01491
2.960	13.790	.00000	.00133	-.01358	-.04413	70.00000	.00000	-.01225	.01491	-.01225	.01491
2.960	14.743	.00000	-.00428	-.01607	-.05583	70.00000	.00000	-.02035	.01179	-.02035	.01179
2.960	15.621	.00000	-.00225	-.01404	-.04803	70.00000	.00000	-.01630	.01179	-.01630	.01179
2.960	16.819	.00000	-.00739	-.01296	-.04803	70.00000	.00000	-.02035	.00557	-.02035	.00557
2.960	17.842	.00000	-.00428	-.01607	-.04023	70.00000	.00000	-.02035	.01179	-.02035	.01179
2.960	19.843	.00000	-.00474	-.01965	-.03632	70.00000	.00000	-.02439	.01491	-.02439	.01491
2.960	23.803	.00000	-.00116	-.01918	-.03242	70.00000	.00000	-.02035	.01802	-.02035	.01802
2.960	24.772	.00000	-.00116	-.01918	-.02852	70.00000	.00000	-.02035	.01802	-.02035	.01802
2.960	27.860	.00000	-.01238	-.02417	-.03632	70.00000	.00000	-.03655	.01179	-.03655	.01179
2.960	31.771	.00000	-.02203	-.03071	-.03632	70.00000	.00000	-.05274	.00868	-.05274	.00868
2.960	GRADIENT	.00000	.00019	-.00023	.00305	.00000	.00000	-.00004	.00043	-.00004	.00043

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000
 ELV-LI = .000
 ELV-RO = .000
 AILRON = .000
 SPDBRK = 70.000

ELV-LO = .000
 ELV-RI = .000
 ELEVON = .000
 BDFLAP = .000
 RUDDER = .000

RUN NO. 620/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.000	-2.220	.00000	.00055	-.03304	-.07144	70.00000	.00000	-.03249	.03359	-.03249	.03359
3.000	-1.196	.00000	.00413	-.03257	-.07144	70.00000	.00000	-.02845	.03670	-.02845	.03670
3.000	1.848	.00000	.00210	-.03460	-.07144	70.00000	.00000	-.03249	.03670	-.03249	.03670
3.000	3.892	.00000	.00413	-.03257	-.07144	70.00000	.00000	-.02845	.03670	-.02845	.03670
3.000	4.835	.00000	.00055	-.03304	-.07534	70.00000	.00000	-.03249	.03359	-.03249	.03359
3.000	5.825	.00000	.00366	-.03615	-.07144	70.00000	.00000	-.03249	.03981	-.03249	.03981
3.000	7.876	.00000	.00055	-.03304	-.07534	70.00000	.00000	-.03249	.03359	-.03249	.03359
3.000	9.871	.00000	.00055	-.03304	-.06754	70.00000	.00000	-.03249	.03359	-.03249	.03359
3.000	11.900	.00000	.00459	-.03195	-.07534	70.00000	.00000	-.03655	.02736	-.03655	.02736
3.000	12.794	.00000	-.00101	-.03149	-.07534	70.00000	.00000	-.03249	.03047	-.03249	.03047
3.000	13.834	.00000	-.00054	-.02790	-.07144	70.00000	.00000	-.02845	.02736	-.02845	.02736
3.000	14.848	.00000	-.00771	-.02884	-.07144	70.00000	.00000	-.03655	.02113	-.03655	.02113
3.000	15.880	.00000	-.01284	-.02775	-.08314	70.00000	.00000	-.04060	.01491	-.04060	.01491
3.000	16.878	.00000	-.01129	-.02931	-.08314	70.00000	.00000	-.04060	.01802	-.04060	.01802
3.000	17.902	.00000	-.00771	-.02884	-.07534	70.00000	.00000	-.03655	.02113	-.03655	.02113
3.000	19.865	.00000	-.01440	-.02619	-.07924	70.00000	.00000	-.04060	.01179	-.04060	.01179
3.000	23.865	.00000	-.01440	-.02619	-.08314	70.00000	.00000	-.04060	.01491	-.04060	.01491
3.000	24.879	.00000	-.01082	-.02573	-.08314	70.00000	.00000	-.03655	.01491	-.03655	.01491
3.000	27.894	.00000	-.01082	-.02573	-.07924	70.00000	.00000	-.03655	.01491	-.03655	.01491
3.000	31.897	.00000	-.01954	-.02511	-.08314	70.00000	.00000	-.04464	.00557	-.04464	.00557
3.000	GRADIENT	.00000	.00006	-.00000	-.00037	.00000	.00000	.00005	.00006	.00005	.00006

LAI31,MODEL 105-0, SILTS ON, SB CAVITY OPEN

(27A271) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 607/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
3.500	-2.341	.00000	-.02421	-.02044	-.12606	70.00000	.00000	-.04464	-.04464	-.00377	-.04464	-.00377
3.500	-.327	.00000	-.02468	-.02402	-.12606	70.00000	.00000	-.04869	-.04869	-.00066	-.04869	-.00066
3.500	1.668	.00000	-.02623	-.02246	-.12606	70.00000	.00000	-.04869	-.04869	-.00377	-.04869	-.00377
3.500	3.656	.00000	-.02779	-.02090	-.12996	70.00000	.00000	-.04869	-.04869	-.00689	-.04869	-.00689
3.500	4.652	.00000	-.02623	-.02246	-.12996	70.00000	.00000	-.04869	-.04869	-.00377	-.04869	-.00377
3.500	5.677	.00000	-.02623	-.02246	-.12606	70.00000	.00000	-.04869	-.04869	-.00377	-.04869	-.00377
3.500	7.664	.00000	-.02982	-.02293	-.12606	70.00000	.00000	-.05274	-.05274	-.00689	-.05274	-.00689
3.500	9.665	.00000	-.03193	-.01676	-.12216	70.00000	.00000	-.04869	-.04869	-.01517	-.04869	-.01517
3.500	11.644	.00000	-.02982	-.02293	-.12606	70.00000	.00000	-.05274	-.05274	-.00689	-.05274	-.00689
3.500	12.645	.00000	-.03193	-.01676	-.12606	70.00000	.00000	-.04869	-.04869	-.01517	-.04869	-.01517
3.500	13.665	.00000	-.03396	-.01879	-.12606	70.00000	.00000	-.05274	-.05274	-.01517	-.05274	-.01517
3.500	14.645	.00000	-.03340	-.02340	-.12996	70.00000	.00000	-.05680	-.05680	-.01000	-.05680	-.01000
3.500	15.653	.00000	-.03028	-.02651	-.12996	70.00000	.00000	-.05680	-.05680	-.00377	-.05680	-.00377
3.500	16.667	.00000	-.03340	-.02340	-.12996	70.00000	.00000	-.05680	-.05680	-.01000	-.05680	-.01000
3.500	17.642	.00000	-.02982	-.02293	-.12606	70.00000	.00000	-.05274	-.05274	-.00689	-.05274	-.00689
3.500	19.663	.00000	-.03184	-.02495	-.12996	70.00000	.00000	-.05680	-.05680	-.00689	-.05680	-.00689
3.500	23.651	.00000	-.03367	-.02698	-.12996	70.00000	.00000	-.06085	-.06085	-.00689	-.06085	-.00689
3.500	24.664	.00000	-.03542	-.02542	-.12996	70.00000	.00000	-.06085	-.06085	-.01000	-.06085	-.01000
3.500	27.662	.00000	-.04003	-.02486	-.13386	70.00000	.00000	-.06489	-.06489	-.01517	-.06489	-.01517
3.500	31.680	.00000	-.04206	-.02689	-.13386	70.00000	.00000	-.06894	-.06894	-.01517	-.06894	-.01517
3.500	GRADIENT	.00000	-.00043	-.00005	-.00064	.00000	.00000	-.00047	-.00047	-.00038	-.00047	-.00038

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 613/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.342	.00000	-.00412	-.02837	-.03632	70.00000	.00000	-.03249	.02425	-.03249	.02425
4.500	-1.304	.00000	-.00257	-.02993	-.04023	70.00000	.00000	-.03249	.02736	-.03249	.02736
4.500	1.627	.00000	-.00210	-.02635	-.03242	70.00000	.00000	-.02845	.02425	-.02845	.02425
4.500	3.597	.00000	-.00412	-.02837	-.03632	70.00000	.00000	-.03249	.02425	-.03249	.02425
4.500	4.659	.00000	-.00412	-.02837	-.02852	70.00000	.00000	-.03249	.02425	-.03249	.02425
4.500	5.607	.00000	-.00257	-.02993	-.02852	70.00000	.00000	-.03249	.02736	-.03249	.02736
4.500	7.644	.00000	-.00054	-.02790	-.02852	70.00000	.00000	-.02845	.02736	-.02845	.02736
4.500	9.653	.00000	-.00000	-.02837	-.02852	70.00000	.00000	-.03249	.02425	-.03249	.02425
4.500	11.642	.00000	-.00412	-.02837	-.02462	70.00000	.00000	-.03249	.02425	-.03249	.02425
4.500	13.640	.00000	-.00568	-.02681	-.03242	70.00000	.00000	-.03249	.02113	-.03249	.02113
4.500	14.602	.00000	-.00257	-.02993	-.02852	70.00000	.00000	-.03249	.02736	-.03249	.02736
4.500	15.597	.00000	-.00054	-.02790	-.02852	70.00000	.00000	-.02845	.02736	-.02845	.02736
4.500	16.609	.00000	-.00000	-.02790	-.02852	70.00000	.00000	-.02845	.02736	-.02845	.02736
4.500	17.642	.00000	-.00210	-.02635	-.03632	70.00000	.00000	-.02845	.02425	-.02845	.02425
4.500	19.596	.00000	.00351	-.02385	-.02852	70.00000	.00000	-.02035	.02736	-.02035	.02736
4.500	23.609	.00000	.00958	-.01778	-.02462	70.00000	.00000	-.00820	.02113	-.00820	.02113
4.500	24.636	.00000	.00647	-.01467	-.02852	70.00000	.00000	-.00820	.01802	-.00820	.01802
4.500	27.636	.00000	.00491	-.01311	-.02852	70.00000	.00000	-.00820	.01491	-.00820	.01491
4.500	31.644	.00000	.00133	-.01358	-.02852	70.00000	.00000	-.01225	.01225	-.01225	.01225
4.500	GRADIENT	-.00000	-.00007	.00010	.00101	.00000	.00000	.00002	-.00017	.00002	-.00017

REFERENCE DATA
 SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 606/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AIRLON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
2.500	-2.454	.00000	-5.06810	.00502	-.11045	70.00000	.00000	-5.06310	-5.06310	-5.07320	-5.06310	-5.07320
2.500	-4.408	.00000	-5.06810	.00502	-.11045	70.00000	.00000	-5.06310	-5.06310	-5.07320	-5.06310	-5.07320
2.500	1.593	.00000	-5.06600	.00720	-.10655	70.00000	.00000	-5.05880	-5.05880	-5.07320	-5.05880	-5.07320
2.500	3.592	.00000	-5.06810	.00502	-.11045	70.00000	.00000	-5.06310	-5.06310	-5.07320	-5.06310	-5.07320
2.500	4.607	.00000	-5.06600	.00720	-.11045	70.00000	.00000	-5.05880	-5.05880	-5.07320	-5.05880	-5.07320
2.500	5.559	.00000	-5.07010	.00695	-.11045	70.00000	.00000	-5.06310	-5.06310	-5.07700	-5.06310	-5.07700
2.500	7.566	.00000	-5.06810	.00502	-.11045	70.00000	.00000	-5.06310	-5.06310	-5.07700	-5.06310	-5.07700
2.500	9.587	.00000	-5.06790	.00914	-.10655	70.00000	.00000	-5.05880	-5.05880	-5.07700	-5.05880	-5.07700
2.500	11.558	.00000	-5.07390	.01083	-.10655	70.00000	.00000	-5.06310	-5.06310	-5.08480	-5.06310	-5.08480
2.500	12.541	.00000	-5.07950	.02076	-.10265	70.00000	.00000	-5.06310	-5.06310	-5.10030	-5.06310	-5.10030
2.500	13.585	.00000	-5.07780	.01470	-.09485	70.00000	.00000	-5.05880	-5.05880	-5.09250	-5.05880	-5.09250
2.500	14.556	.00000	-5.07180	.01301	-.09485	70.00000	.00000	-5.05880	-5.05880	-5.08480	-5.05880	-5.08480
2.500	15.543	.00000	-5.07200	.00889	-.09485	70.00000	.00000	-5.06310	-5.06310	-5.08090	-5.06310	-5.08090
2.500	16.552	.00000	-5.07370	.01495	-.09485	70.00000	.00000	-5.05880	-5.05880	-5.08860	-5.05880	-5.08860
2.500	17.537	.00000	-5.07560	.01689	-.09485	70.00000	.00000	-5.05880	-5.05880	-5.09250	-5.05880	-5.09250
2.500	19.523	.00000	-5.07760	.01882	-.09875	70.00000	.00000	-5.05880	-5.05880	-5.09640	-5.05880	-5.09640
2.500	23.538	.00000	-5.07930	.02488	-.09875	70.00000	.00000	-5.05440	-5.05440	-5.10410	-5.05440	-5.10410
2.500	24.530	.00000	-5.07560	.01689	-.09875	70.00000	.00000	-5.05880	-5.05880	-5.09250	-5.05880	-5.09250
2.500	27.623	.00000	-5.07130	.02126	-.10655	70.00000	.00000	-5.05000	-5.05000	-5.09250	-5.05000	-5.09250
2.500	31.661	.00000	-5.07290	.02732	-.11045	70.00000	.00000	-5.04560	-5.04560	-5.10030	-5.04560	-5.10030
2.500	GRADIENT	.00000	.00022	.00023	.00002	.00000	.00000	.00044	.00044	.00000	.00044	.00000

(27A272) (24 JUN 80)

LAI31.MODEL 106-0. SILTS ON. SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELEVON = -5.000 ELEVON = -5.000
 AIRLON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 610/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AIRLON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-FO	ELV-LI	ELV-RI	ELV-R0
3.500	-2.404	.00000	-5.06010	.00139	-.10265	70.00000	.00000	-5.05880	-5.06150	-5.05880	-5.06150	-5.06150
3.500	-.374	.00000	-5.06490	.00527	-.09875	70.00000	.00000	-5.05880	-5.06930	-5.05880	-5.06930	-5.06930
3.500	1.625	.00000	-5.06210	.00333	-.09875	70.00000	.00000	-5.05880	-5.06540	-5.05880	-5.06540	-5.06540
3.500	3.698	.00000	-5.06380	.00939	-.09485	70.00000	.00000	-5.05880	-5.07320	-5.05880	-5.07320	-5.07320
3.500	4.685	.00000	-5.06180	.00745	-.09094	70.00000	.00000	-5.05440	-5.06930	-5.05440	-5.06930	-5.06930
3.500	5.615	.00000	-5.06180	.00745	-.08704	70.00000	.00000	-5.05440	-5.06930	-5.05440	-5.06930	-5.06930
3.500	7.653	.00000	-5.06570	.01133	-.07534	70.00000	.00000	-5.05440	-5.07700	-5.05440	-5.07700	-5.07700
3.500	9.656	.00000	-5.06210	.00333	-.07534	70.00000	.00000	-5.05880	-5.06540	-5.05880	-5.06540	-5.06540
3.500	11.656	.00000	-5.05990	.00552	-.07534	70.00000	.00000	-5.05440	-5.06540	-5.05440	-5.06540	-5.06540
3.500	12.616	.00000	-5.06600	.00720	-.08314	70.00000	.00000	-5.05880	-5.07320	-5.05880	-5.07320	-5.07320
3.500	13.625	.00000	-5.06600	.00720	-.07534	70.00000	.00000	-5.05880	-5.07320	-5.05880	-5.07320	-5.07320
3.500	14.631	.00000	-5.06790	.00914	-.07924	70.00000	.00000	-5.05880	-5.07700	-5.05880	-5.07700	-5.07700
3.500	15.695	.00000	-5.06600	.00720	-.08314	70.00000	.00000	-5.05880	-5.07320	-5.05880	-5.07320	-5.07320
3.500	16.645	.00000	-5.06570	.01133	-.08314	70.00000	.00000	-5.05440	-5.07700	-5.05440	-5.07700	-5.07700
3.500	17.635	.00000	-5.07010	.00695	-.08704	70.00000	.00000	-5.06310	-5.07700	-5.06310	-5.07700	-5.07700
3.500	19.672	.00000	-5.07390	.01083	-.08704	70.00000	.00000	-5.06310	-5.08480	-5.06310	-5.08480	-5.08480
3.500	23.616	.00000	-5.07780	.01470	-.09094	70.00000	.00000	-5.06310	-5.09250	-5.06310	-5.09250	-5.09250
3.500	24.657	.00000	-5.07370	.01495	-.09485	70.00000	.00000	-5.05880	-5.08860	-5.05880	-5.08860	-5.08860
3.500	27.649	.00000	-5.08170	.01857	-.11045	70.00000	.00000	-5.06310	-5.10030	-5.06310	-5.10030	-5.10030
3.500	31.687	.00000	-5.07150	.01714	-.11045	70.00000	.00000	-5.05440	-5.08860	-5.05440	-5.08860	-5.08860
3.500	GRADIENT	.00000	-.00021	.00092	.00146	.00000	.00000	.00072	-.00113	.00072	-.00113	-.00113

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = -5.000
 ELV-LI = -5.000 ELV-RI = -5.000
 ELV-RO = -5.000 ELEVON = -5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 6167 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
4.500	-2.409	.00000	-5.05770	.00770	-.05193	70.00000	.00000	-5.05000	-5.05000	-5.06540	-5.05000	-5.06540
4.500	-.399	.00000	-5.05990	.00552	-.05193	70.00000	.00000	-5.05440	-5.05440	-5.06540	-5.05440	-5.06540
4.500	1.659	.00000	-5.05380	.00383	-.04803	70.00000	.00000	-5.05000	-5.05000	-5.05770	-5.05000	-5.05770
4.500	3.690	.00000	-5.05770	.00770	-.04413	70.00000	.00000	-5.05000	-5.05000	-5.06540	-5.05000	-5.06540
4.500	4.646	.00000	-5.05360	.00796	-.03242	70.00000	.00000	-5.04560	-5.04560	-5.06150	-5.04560	-5.06150
4.500	5.677	.00000	-5.05750	.01183	-.02462	70.00000	.00000	-5.04560	-5.04560	-5.06930	-5.04560	-5.06930
4.500	7.666	.00000	-5.05360	.00796	-.02462	70.00000	.00000	-5.04560	-5.04560	-5.06150	-5.04560	-5.06150
4.500	9.637	.00000	-5.05550	.00989	-.02462	70.00000	.00000	-5.05000	-5.05000	-5.06540	-5.05000	-5.06540
4.500	11.618	.00000	-5.05580	.00577	-.02462	70.00000	.00000	-5.05000	-5.05000	-5.06150	-5.05000	-5.06150
4.500	12.674	.00000	-5.05770	.00770	-.02462	70.00000	.00000	-5.05000	-5.05000	-5.06540	-5.05000	-5.06540
4.500	13.644	.00000	-5.05580	.00577	-.02462	70.00000	.00000	-5.05000	-5.05000	-5.06150	-5.05000	-5.06150
4.500	14.592	.00000	-5.05580	.00577	-.02462	70.00000	.00000	-5.05000	-5.05000	-5.06930	-5.05000	-5.06930
4.500	15.600	.00000	-5.05750	.01183	-.02072	70.00000	.00000	-5.04560	-5.04560	-5.06540	-5.04560	-5.06540
4.500	16.614	.00000	-5.05550	.00989	-.02072	70.00000	.00000	-5.04560	-5.04560	-5.06930	-5.04560	-5.06930
4.500	17.673	.00000	-5.05960	.00964	-.02072	70.00000	.00000	-5.05000	-5.05000	-5.06150	-5.05000	-5.06150
4.500	19.591	.00000	-5.05360	.00796	-.02462	70.00000	.00000	-5.04560	-5.04560	-5.06150	-5.04560	-5.06150
4.500	23.608	.00000	-5.05580	.00577	-.02852	70.00000	.00000	-5.05000	-5.05000	-5.06150	-5.05000	-5.06150
4.500	24.620	.00000	-5.05770	.00770	-.02072	70.00000	.00000	-5.05000	-5.05000	-5.06540	-5.05000	-5.06540
4.500	27.644	.00000	-5.05770	.00770	-.03242	70.00000	.00000	-5.05000	-5.05000	-5.06540	-5.05000	-5.06540
4.500	31.815	.00000	-5.06130	.01570	-.03242	70.00000	.00000	-5.04560	-5.04560	-5.07700	-5.04560	-5.07700
4.500	GRADIENT	-.00000	.00054	.00012	.00241	.00000	.00000	.00066	.00066	.00042	.00066	.00042

ORIGINAL PAGE IS
 OF POOR QUALITY

LA131,MODEL 105-0, SILTS ON, SB CAVITY OPEN

(27A273) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 6047 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RI
2.500	-2.463	.00000	5.02050	-.02988	-.06363	70.00000	.00000	4.99060	4.99060	4.99060
2.500	-1.430	.00000	5.02050	-.02988	-.05973	70.00000	.00000	4.99060	4.99060	4.99060
2.500	1.545	.00000	5.01550	-.02893	-.05583	70.00000	.00000	4.98660	4.98660	4.98660
2.500	3.592	.00000	5.01110	-.02450	-.05583	70.00000	.00000	4.98660	4.98660	4.98660
2.500	4.629	.00000	5.01310	-.02248	-.05583	70.00000	.00000	4.98660	4.98660	4.98660
2.500	5.564	.00000	5.01260	-.02598	-.05583	70.00000	.00000	4.98660	4.98660	4.98660
2.500	7.601	.00000	5.01110	-.02450	-.05583	70.00000	.00000	4.98660	4.98660	4.98660
2.500	9.606	.00000	5.00960	-.02302	-.05583	70.00000	.00000	4.98660	4.98660	4.98660
2.500	11.563	.00000	5.01110	-.02450	-.05973	70.00000	.00000	4.98660	4.98660	4.98660
2.500	12.650	.00000	5.01310	-.02248	-.05973	70.00000	.00000	4.99060	4.99060	4.99060
2.500	13.565	.00000	5.00960	-.02302	-.06363	70.00000	.00000	4.98660	4.98660	4.98660
2.500	14.547	.00000	5.00670	-.02006	-.06363	70.00000	.00000	4.98660	4.98660	4.98660
2.500	15.556	.00000	5.01310	-.02248	-.05973	70.00000	.00000	4.99060	4.99060	4.99060
2.500	16.529	.00000	5.00720	-.01657	-.06363	70.00000	.00000	4.99060	4.99060	4.99060
2.500	17.552	.00000	5.00870	-.01805	-.06363	70.00000	.00000	4.99060	4.99060	4.99060
2.500	19.583	.00000	5.00570	-.01509	-.06754	70.00000	.00000	4.99060	4.99060	4.99060
2.500	23.582	.00000	5.00370	-.01711	-.07924	70.00000	.00000	4.98660	4.98660	4.98660
2.500	24.540	.00000	5.00760	-.02503	-.07534	70.00000	.00000	4.98260	4.98260	4.98260
2.500	27.548	.00000	5.00320	-.02060	-.07534	70.00000	.00000	4.98260	4.98260	4.98260
2.500	31.601	.00000	5.00470	-.02208	-.07924	70.00000	.00000	4.98260	4.98260	4.98260
2.500	GRADIENT	-.00000	-.00137	.00108	.00110	.00000	.00000	-.00028	-.00028	-.00245

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A273) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = 5.000
 ELV-LI = 5.000 ELV-RI = 5.000
 ELV-RO = 5.000 ELEVON = 5.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 70.000 RUDDER = .000

RUN NO. 611 / 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00 / 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-LI	ELV-RO	ELV-LI	ELV-RI
3.500	-2.352	.00000	5.01350	-.03095	-.11045	70.00000	.00000	4.98260	4.98260	5.04450	4.98260	5.04450
3.500	-1.361	.00000	5.01060	-.02799	-.11435	70.00000	.00000	4.98260	4.98260	5.03860	4.98260	5.03860
3.500	1.704	.00000	5.00410	-.02557	-.11435	70.00000	.00000	4.97850	4.97850	5.02970	4.97850	5.02970
3.500	3.660	.00000	5.00610	-.02356	-.11435	70.00000	.00000	4.98260	4.98260	5.02970	4.98260	5.02970
3.500	4.738	.00000	5.00560	-.02705	-.11435	70.00000	.00000	4.97850	4.97850	5.03260	4.97850	5.03260
3.500	5.654	.00000	5.00560	-.02705	-.11435	70.00000	.00000	4.97850	4.97850	5.03260	4.97850	5.03260
3.500	7.680	.00000	5.00710	-.02853	-.11435	70.00000	.00000	4.97850	4.97850	5.03560	4.97850	5.03560
3.500	9.644	.00000	5.00410	-.02557	-.11825	70.00000	.00000	4.97850	4.97850	5.02970	4.97850	5.02970
3.500	11.631	.00000	5.00260	-.02409	-.11825	70.00000	.00000	4.97850	4.97850	5.02670	4.97850	5.02670
3.500	12.648	.00000	5.00610	-.02356	-.11825	70.00000	.00000	4.98260	4.98260	5.02970	4.98260	5.02970
3.500	13.658	.00000	5.00610	-.02356	-.12216	70.00000	.00000	4.98260	4.98260	5.02970	4.98260	5.02970
3.500	14.605	.00000	5.00760	-.02503	-.12216	70.00000	.00000	4.98260	4.98260	5.03260	4.98260	5.03260
3.500	15.663	.00000	5.00920	-.02154	-.11825	70.00000	.00000	4.98660	4.98660	5.02970	4.98660	5.02970
3.500	16.621	.00000	5.00820	-.02154	-.11435	70.00000	.00000	4.98660	4.98660	5.02970	4.98660	5.02970
3.500	17.661	.00000	5.01020	-.01953	-.11825	70.00000	.00000	4.99060	4.99060	5.02970	4.99060	5.02970
3.500	19.659	.00000	5.00820	-.02154	-.11825	70.00000	.00000	4.98660	4.98660	5.02970	4.98660	5.02970
3.500	23.675	.00000	5.01510	-.02047	-.11045	70.00000	.00000	4.99470	4.99470	5.03560	4.99470	5.03560
3.500	24.683	.00000	5.01370	-.01899	-.11045	70.00000	.00000	4.99470	4.99470	5.03260	4.99470	5.03260
3.500	27.717	.00000	5.01660	-.02195	-.11045	70.00000	.00000	4.99470	4.99470	5.03860	4.99470	5.03860
3.500	31.606	.00000	5.01720	-.01845	-.11825	70.00000	.00000	4.99870	4.99870	5.03560	4.99870	5.03560
	GRADIENT	.00000	-.00116	.00074	-.00045	-.00000	.00000	-.00043	-.00043	-.00190	-.00043	-.00190

LA131,MODEL 106-0. SILTS ON. SB CAVITY OPEN

(27A273) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SQ.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000
 ELV-LO = 5.000
 ELV-LI = 5.000
 ELV-RI = 5.000
 ELEVON = 5.000
 BDFLAP = .000
 AIRLON = 70.000
 SPDBRK = 70.000
 RUDDER = .000

RUN NO. 617/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AIRLON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
4.500	-2.396	.00000	4.99310	-.02866	-.06754	70.00000	.00000	4.96650	5.02380	4.96650	5.02380
4.500	-1.391	.00000	4.99810	-.03162	-.06754	70.00000	.00000	4.96650	5.02970	4.96650	5.02970
4.500	1.655	.00000	5.00010	-.02960	-.06754	70.00000	.00000	4.97050	5.02370	4.97050	5.02970
4.500	3.640	.00000	4.99860	-.02812	-.06754	70.00000	.00000	4.97050	5.02670	4.97050	5.02670
4.500	4.637	.00000	4.99710	-.02664	-.07144	70.00000	.00000	4.97050	5.02380	4.97050	5.02380
4.500	5.659	.00000	4.99710	-.02664	-.06754	70.00000	.00000	4.97050	5.02970	4.97050	5.02970
4.500	7.671	.00000	5.00010	-.02960	-.06754	70.00000	.00000	4.97450	5.03260	4.97450	5.03260
4.500	9.612	.00000	5.00360	-.02906	-.06754	70.00000	.00000	4.97450	5.02670	4.97450	5.02670
4.500	11.661	.00000	5.00060	-.02611	-.07144	70.00000	.00000	4.97450	5.02670	4.97450	5.02670
4.500	12.597	.00000	5.00060	-.02611	-.06754	70.00000	.00000	4.97450	5.02080	4.97450	5.02080
4.500	13.601	.00000	4.99770	-.02315	-.06363	70.00000	.00000	4.97450	5.02380	4.97450	5.02380
4.500	14.626	.00000	4.99910	-.02463	-.06363	70.00000	.00000	4.97450	5.03260	4.97450	5.03260
4.500	15.625	.00000	5.00360	-.02906	-.06363	70.00000	.00000	4.97450	5.03260	4.97450	5.03260
4.500	16.597	.00000	5.00360	-.02906	-.06363	70.00000	.00000	4.97450	5.03260	4.97450	5.03260
4.500	17.617	.00000	5.00360	-.02906	-.05973	70.00000	.00000	4.97450	5.02670	4.97450	5.02670
4.500	19.623	.00000	5.00060	-.02611	-.05973	70.00000	.00000	4.97450	5.02670	4.97450	5.02670
4.500	23.622	.00000	5.00360	-.02906	-.05973	70.00000	.00000	4.97450	5.03260	4.97450	5.03260
4.500	24.587	.00000	5.00210	-.02759	-.05973	70.00000	.00000	4.97450	5.02970	4.97450	5.02970
4.500	27.597	.00000	5.00560	-.02705	-.05973	70.00000	.00000	4.97850	5.03260	4.97850	5.03260
4.500	31.648	.00000	5.00060	-.02611	-.06363	70.00000	.00000	4.97450	5.02670	4.97450	5.02670
GRADIENT		.00000	.00030	.00039	-.00038	.00000	.00000	.00068	-.00009	.00068	-.00009

DATE 25 JUN 80

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LAI31,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A274) (24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 50. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 621/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPOBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
2.960	-2.266	.00000	-.00771	-.02884	-.06363	55.00000	.00000	-.03655	.02113	-.03655	.02113
2.960	-1.182	.00000	-.00257	-.02993	-.05193	55.00000	.00000	-.03249	.02736	-.03249	.02736
2.960	1.834	.00000	-.00662	-.03398	-.05583	55.00000	.00000	-.04060	.02736	-.04060	.02736
2.960	3.842	.00000	-.00304	-.03351	-.04023	55.00000	.00000	-.03655	.03047	-.03655	.03047
2.960	4.798	.00000	-.00148	-.03507	-.04023	55.00000	.00000	-.03655	.03359	-.03655	.03359
2.960	5.828	.00000	-.00662	-.03398	-.04023	55.00000	.00000	-.04060	.02736	-.04060	.02736
2.960	7.827	.00000	-.00973	-.03087	-.03632	55.00000	.00000	-.04060	.02113	-.04060	.02113
2.960	9.901	.00000	-.00926	-.02728	-.03242	55.00000	.00000	-.03655	.01802	-.03655	.01802
2.960	11.853	.00000	-.01284	-.02775	-.03632	55.00000	.00000	-.04060	.01491	-.04060	.01491
2.960	12.807	.00000	-.01954	-.02511	-.04023	55.00000	.00000	-.04464	.00557	-.04464	.00557
2.960	13.785	.00000	-.01798	-.02666	-.04023	55.00000	.00000	-.04464	.00868	-.04464	.00868
2.960	14.856	.00000	-.01751	-.02308	-.04023	55.00000	.00000	-.04060	.00557	-.04060	.00557
2.960	15.805	.00000	-.01596	-.02464	-.04023	55.00000	.00000	-.04464	.00868	-.04464	.00868
2.960	16.856	.00000	-.01798	-.02666	-.04413	55.00000	.00000	-.04464	.00868	-.04464	.00868
2.960	17.818	.00000	-.02001	-.02869	-.04413	55.00000	.00000	-.04869	.00868	-.04869	.00868
2.960	19.904	.00000	-.01751	-.02308	-.04023	55.00000	.00000	-.04060	.00557	-.04060	.00557
2.960	23.849	.00000	-.02203	-.03071	-.04803	55.00000	.00000	-.05274	.00868	-.05274	.00868
2.960	24.847	.00000	-.01954	-.02511	-.04023	55.00000	.00000	-.04464	.00557	-.04464	.00557
2.960	27.874	.00000	-.02203	-.03071	-.04413	55.00000	.00000	-.05274	.00868	-.05274	.00868
2.960	31.855	.00000	-.02561	-.03118	-.06754	55.00000	.00000	-.05680	.00557	-.05680	.00557
2.960	GRADIENT	.00000	.00064	-.00088	.00323	.00000	.00000	-.00024	.00152	-.00024	.00152

(27A274) (24 JUN 80)

LAI31.MODEL 106-0, SILTS ON, SB CAVITY OPEN

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 623/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.000	-2.262	.00000	-.00148	-.03507	-.04023	55.00000	.00000	-.03655	.03359	-.03655	.03359
3.000	-1.186	.00000	-.00195	-.03865	-.03632	55.00000	.00000	-.04060	.03670	-.04060	.03670
3.000	1.873	.00000	.00522	-.03771	-.03242	55.00000	.00000	-.03249	.04293	-.03249	.04293
3.000	3.731	.00000	.00008	-.03662	-.04023	55.00000	.00000	-.03655	.03670	-.03655	.03670
3.000	4.856	.00000	-.00553	-.03912	-.04413	55.00000	.00000	-.04464	.03359	-.04464	.03359
3.000	5.801	.00000	.00677	-.03927	-.03632	55.00000	.00000	-.03249	.04604	-.03249	.04604
3.000	7.886	.00000	.00522	-.03771	-.03242	55.00000	.00000	-.03249	.04293	-.03249	.04293
3.000	9.853	.00000	.00319	-.03974	-.03242	55.00000	.00000	-.03655	.04293	-.03655	.04293
3.000	11.886	.00000	.00522	-.03771	-.02852	55.00000	.00000	-.03249	.04293	-.03249	.04293
3.000	12.872	.00000	.00148	-.03507	-.03242	55.00000	.00000	-.03655	.03359	-.03655	.03359
3.000	13.868	.00000	-.00195	-.03865	-.03632	55.00000	.00000	-.04060	.03670	-.04060	.03670
3.000	14.904	.00000	.00210	-.03460	-.03632	55.00000	.00000	-.03249	.03670	-.03249	.03670
3.000	15.811	.00000	-.00304	-.03351	-.04023	55.00000	.00000	-.03655	.03047	-.03655	.03047
3.000	16.845	.00000	-.00709	-.03756	-.04023	55.00000	.00000	-.04464	.03047	-.04464	.03047
3.000	17.842	.00000	-.00459	-.03195	-.03242	55.00000	.00000	-.03655	.02736	-.03655	.02736
3.000	19.846	.00000	-.00506	-.03553	-.03632	55.00000	.00000	-.04060	.03047	-.04060	.03047
3.000	23.910	.00000	-.01222	-.03647	-.05973	55.00000	.00000	-.04869	.02425	-.04869	.02425
3.000	24.858	.00000	-.02094	-.03585	-.06754	55.00000	.00000	-.05680	.01491	-.05680	.01491
3.000	27.885	.00000	-.02561	-.03118	-.05973	55.00000	.00000	-.05680	.00557	-.05680	.00557
3.000	31.909	.00000	-.02406	-.03274	-.08704	55.00000	.00000	-.05680	.00868	-.05680	.00868
GRADIENT		-.00000	-.00021	-.00032	-.00053	-.00000	.00000	-.00053	.00011	-.00053	.00011

LA131,MODEL 106-0, SILTS ON, SB CAVITY OPEN

(27A274) (.24 JUN 80)

REFERENCE DATA

SREF = 2690.0000 SO.IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 624/ 0 RN/L = 2.04 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.050	-2.193	.00000	.00771	-.03211	-.06754	55.00000	.00000	-.02439	.03981	-.02439	.03981
3.050	-.184	.00000	.00662	-.02697	-.06754	55.00000	.00000	-.02035	.03359	-.02035	.03359
3.050	1.859	.00000	.01020	-.02650	-.06754	55.00000	.00000	-.01630	.03670	-.01630	.03670
3.050	3.912	.00000	.00662	-.02697	-.06363	55.00000	.00000	-.02035	.03359	-.02035	.03359
3.050	4.926	.00000	.00818	-.02852	-.06363	55.00000	.00000	-.02035	.03670	-.02035	.03670
3.050	5.924	.00000	.00818	-.02852	-.06363	55.00000	.00000	-.02035	.03670	-.02035	.03670
3.050	7.886	.00000	.00351	-.02385	-.07534	55.00000	.00000	-.02035	.02736	-.02035	.02736
3.050	9.816	.00000	.01067	-.02292	-.06363	55.00000	.00000	-.01225	.03359	-.01225	.03359
3.050	11.844	.00000	.01020	-.02650	-.06754	55.00000	.00000	-.01630	.03670	-.01630	.03670
3.050	12.909	.00000	.00304	-.02744	-.07144	55.00000	.00000	-.02439	.03047	-.02439	.03047
3.050	13.832	.00000	.00662	-.02697	-.07144	55.00000	.00000	-.02035	.03359	-.02035	.03359
3.050	14.910	.00000	.00771	-.03211	-.07534	55.00000	.00000	-.02439	.03981	-.02439	.03981
3.050	15.893	.00000	.01441	-.03475	-.06754	55.00000	.00000	-.02035	.04916	-.02035	.04916
3.050	16.834	.00000	.00927	-.03366	-.07144	55.00000	.00000	-.02439	.04293	-.02439	.04293
3.050	17.896	.00000	.00973	-.03008	-.06363	55.00000	.00000	-.02035	.03981	-.02035	.03981
3.050	19.904	.00000	.00818	-.02852	-.06754	55.00000	.00000	-.02035	.03670	-.02035	.03670
3.050	23.938	.00000	.00818	-.02852	-.06754	55.00000	.00000	-.02035	.03670	-.02035	.03670
3.050	24.899	.00000	.00709	-.02338	-.06754	55.00000	.00000	-.01630	.03047	-.01630	.03047
3.050	27.932	.00000	-.00319	-.02121	-.07534	55.00000	.00000	-.02439	.04802	-.02439	.04802
3.050	31.933	.00000	-.00724	-.02526	-.07924	55.00000	.00000	-.03249	.01802	-.03249	.01802
3.050	GRADIENT	-.00000	.00005	.00044	.00063	-.00000	.00000	.00048	-.00039	.00048	-.00039

REFERENCE DATA

SREF = 2690.0000 SQ. IN. XMRP = 1076.7000 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0200

PARAMETRIC DATA

BETA = .000 ELV-LO = .000
 ELV-LI = .000 ELV-RI = .000
 ELV-RO = .000 ELEVON = .000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 622/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	ELEVON	AILRON	BDFLAP	SPDBRK	RUDDER	ELV-LO	ELV-RO	ELV-LI	ELV-RI
3.000	-2.247	.00000	-.00101	-.03149	-.07534	55.00000	.00000	-.03249	.03047	-.03249	.03047
3.000	-.207	.00000	.00055	-.03304	-.07144	55.00000	.00000	-.03249	.03359	-.03249	.03359
3.000	1.829	.00000	-.00304	-.03351	-.07534	55.00000	.00000	-.03555	.03047	-.03555	.03047
3.000	3.583	.00000	-.00148	-.03507	-.07144	55.00000	.00000	-.03555	.03359	-.03555	.03359
3.000	4.837	.00000	-.00459	-.03195	-.07144	55.00000	.00000	-.03555	.02736	-.03555	.02736
3.000	5.812	.00000	-.00662	-.03398	-.07534	55.00000	.00000	-.03655	.03047	-.03655	.03047
3.000	7.821	.00000	-.00304	-.03351	-.06754	55.00000	.00000	-.03655	.02736	-.03655	.02736
3.000	9.817	.00000	-.00662	-.03398	-.07144	55.00000	.00000	-.04060	.03047	-.04060	.03047
3.000	11.849	.00000	-.01020	-.03445	-.07144	55.00000	.00000	-.04464	.02425	-.04464	.02425
3.000	12.814	.00000	-.00615	-.03040	-.06754	55.00000	.00000	-.03655	.02425	-.03655	.02425
3.000	13.810	.00000	-.01020	-.03445	-.07144	55.00000	.00000	-.04464	.02425	-.04464	.02425
3.000	14.863	.00000	-.00817	-.03242	-.06754	55.00000	.00000	-.04060	.03047	-.04060	.03047
3.000	15.805	.00000	-.00506	-.03553	-.06754	55.00000	.00000	-.04060	.02113	-.04060	.02113
3.000	16.805	.00000	-.01378	-.03491	-.07924	55.00000	.00000	-.04869	.01802	-.04869	.01802
3.000	17.880	.00000	-.01534	-.03336	-.07534	55.00000	.00000	-.04869	.00868	-.04869	.00868
3.000	19.830	.00000	-.02001	-.02869	-.07144	55.00000	.00000	-.04869	.01179	-.04869	.01179
3.000	23.890	.00000	-.02203	-.03071	-.07924	55.00000	.00000	-.05274	.00245	-.05274	.00245
3.000	24.830	.00000	-.01643	-.02822	-.06754	55.00000	.00000	-.04464	.00000	-.04464	.00000
3.000	27.865	.00000	-.01954	-.02511	-.07144	55.00000	.00000	-.04869	.00000	-.04869	.00000
3.000	31.843	.00000	-.02312	-.02557	-.07534	55.00000	.00000	-.04869	.00000	-.04869	.00000
3.000		.00000	-.00047	-.00021	.00042	.00000	.00000	-.00068	-.00026	-.00068	-.00026

GRADIENT